

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011023.D
 Acq On : 22 Jul 2019 12:19
 Operator : JC/SP
 Sample : VX0722MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

Quant Time: Jul 23 03:41:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113713	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.50	113	100831	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.71	98	378446	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	138803	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46545	20.208	ug/l	97
3) Chloromethane	1.33	50	39819	19.719	ug/l	97
4) Vinyl Chloride	1.41	62	42295	20.535	ug/l	100
5) Bromomethane	1.64	94	24231	20.877	ug/l	98
6) Chloroethane	1.72	64	26189	20.008	ug/l	99
7) Trichlorofluoromethane	1.93	101	72353	20.752	ug/l	97
8) Diethyl Ether	2.19	74	24082	20.047	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41147	20.670	ug/l	98
10) Methyl Iodide	2.51	142	47430	18.156	ug/l	99
11) Tert butyl alcohol	3.04	59	52418	96.349	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40110	20.507	ug/l	97
13) Acrolein	2.29	56	23305	74.142	ug/l	100
14) Allyl chloride	2.73	41	57174	20.125	ug/l	98
15) Acrylonitrile	3.14	53	112223	102.082	ug/l	99
16) Acetone	2.44	43	101224	95.941	ug/l	99
17) Carbon Disulfide	2.57	76	92479	18.433	ug/l	99
18) Methyl Acetate	2.78	43	50562	21.046	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	132720	21.079	ug/l	100
20) Methylene Chloride	2.85	84	44650	19.969	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	41388	19.943	ug/l	98
22) Diisopropyl ether	3.85	45	122799	20.494	ug/l	97
23) Vinyl Acetate	3.81	43	530648	104.523	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71072	20.424	ug/l	99
25) 2-Butanone	4.67	43	153732	101.504	ug/l	97
26) 2,2-Dichloropropane	4.59	77	57951	20.282	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	48980	20.393	ug/l	98
28) Bromochloromethane	5.02	49	31747	19.360	ug/l	98
29) Tetrahydrofuran	5.13	42	96664	100.758	ug/l	98
30) Chloroform	5.21	83	76366	20.303	ug/l	99
31) Cyclohexane	5.58	56	61724	19.460	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	66546	20.450	ug/l	99
36) 1,1-Dichloropropene	5.80	75	53652	20.260	ug/l	99
37) Ethyl Acetate	4.84	43	56783	20.940	ug/l	97
38) Carbon Tetrachloride	5.79	117	57988	21.014	ug/l	98

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Instrument :
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 ClientSampleId :
 VX0722MBS01

Quant Time: Jul 23 03:41:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68061	19.819	ug/l	99
40) Benzene	6.14	78	165992	20.463	ug/l	98
41) Methacrylonitrile	5.04	41	31566	20.506	ug/l	97
42) 1,2-Dichloroethane	6.19	62	61039	21.641	ug/l	99
43) Isopropyl Acetate	6.45	43	95161	21.342	ug/l	98
44) Trichloroethene	7.21	130	48967	20.393	ug/l	92
45) 1,2-Dichloropropane	7.51	63	42426	20.549	ug/l	99
46) Dibromomethane	7.66	93	31236	21.172	ug/l	99
47) Bromodichloromethane	7.90	83	55927	21.296	ug/l	97
48) Methyl methacrylate	7.77	41	45457	20.928	ug/l	97
49) 1,4-Dioxane	7.74	88	24693	406.408	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	307370	106.343	ug/l	100
52) Toluene	8.78	92	108590	20.377	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58704	20.789	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	65135	20.729	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	46104	21.012	ug/l	99
56) Ethyl methacrylate	9.18	69	68757	21.422	ug/l	99
57) 1,3-Dichloropropane	9.37	76	73064	20.991	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	169571	110.677	ug/l	100
59) 2-Hexanone	9.49	43	241197	107.590	ug/l	100
60) Dibromochloromethane	9.58	129	46794	20.121	ug/l	98
61) 1,2-Dibromoethane	9.67	107	48950	21.021	ug/l	99
64) Tetrachloroethene	9.34	164	48044	20.515	ug/l	98
65) Chlorobenzene	10.13	112	123628	20.220	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	44970	20.927	ug/l	99
67) Ethyl Benzene	10.25	91	212432	20.412	ug/l	100
68) m/p-Xylenes	10.36	106	162240	40.640	ug/l	99
69) o-Xylene	10.69	106	80523	20.668	ug/l	98
70) Styrene	10.71	104	133409	20.541	ug/l	99
71) Bromoform	10.85	173	34133	19.105	ug/l #	99
73) Isopropylbenzene	11.02	105	212598	20.860	ug/l	100
74) N-amyl acetate	10.90	43	81548	20.941	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	71347	21.392	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	75511	27.743	ug/l	84
77) Bromobenzene	11.26	156	58686	20.876	ug/l	100
78) n-propylbenzene	11.36	91	237217	21.066	ug/l	99
79) 2-Chlorotoluene	11.42	91	140715	20.802	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	179783	21.111	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19074	20.321	ug/l	95
82) 4-Chlorotoluene	11.51	91	164391	20.879	ug/l	100
83) tert-Butylbenzene	11.77	119	177891	21.266	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180022	20.973	ug/l	100
85) sec-Butylbenzene	11.94	105	207393	21.159	ug/l	100
86) p-Isopropyltoluene	12.06	119	193071	21.307	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	100978	20.698	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	101711	20.328	ug/l	99
89) n-Butylbenzene	12.38	91	162534	20.966	ug/l	99
90) Hexachloroethane	12.60	117	29180	20.417	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	100837	20.856	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15587	22.357	ug/l	95

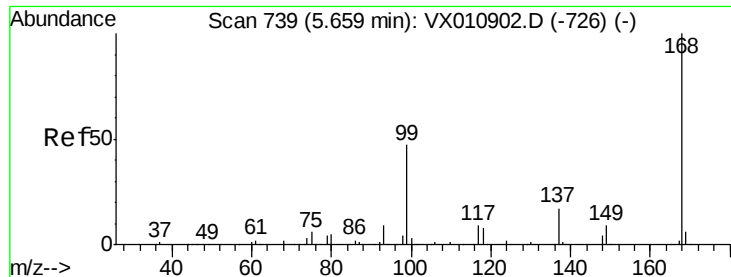
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072219\
Data File : VX011023.D
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ClientSampleId :
VX0722MBS01

Quant Time: Jul 23 03:41:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	70007	21.365	ug/l	99
94) Hexachlorobutadiene	13.78	225	34369	21.166	ug/l	98
95) Naphthalene	13.83	128	207713	21.467	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	69927	21.448	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

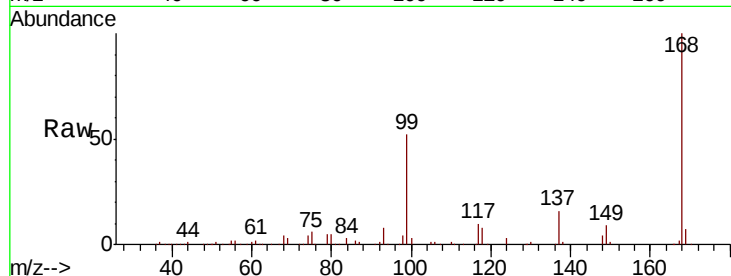
VX0722MBS01

Tot Ion:168 Resp: 219584

Ion Ratio Lower Upper

168 100

99 51.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

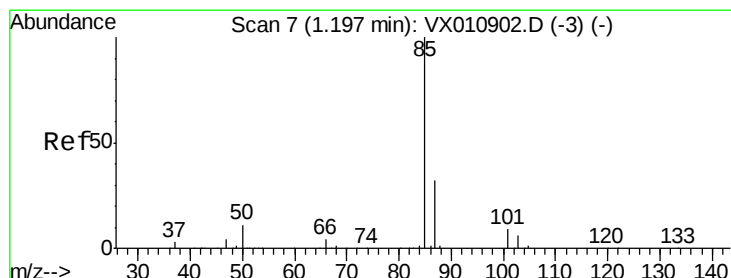
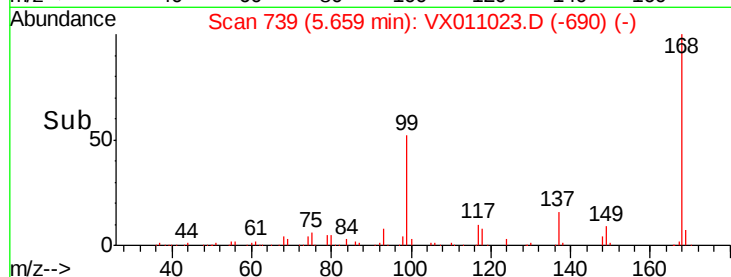
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.208 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011023.D

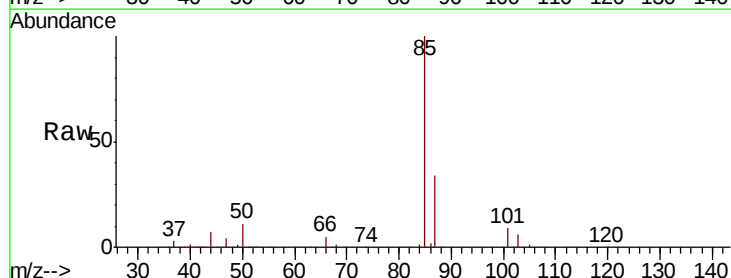
Acq: 22 Jul 2019 12:19

Tgt Ion: 85 Resp: 46545

Ion Ratio Lower Upper

85 100

87 33.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

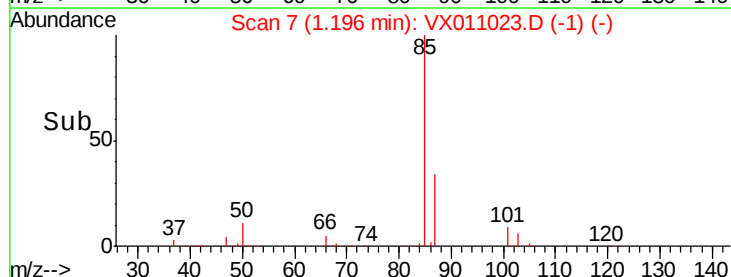
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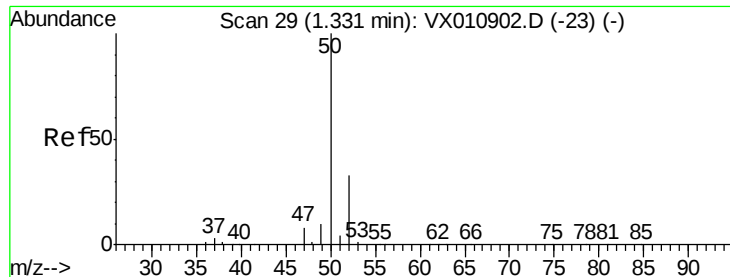
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 19.719 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

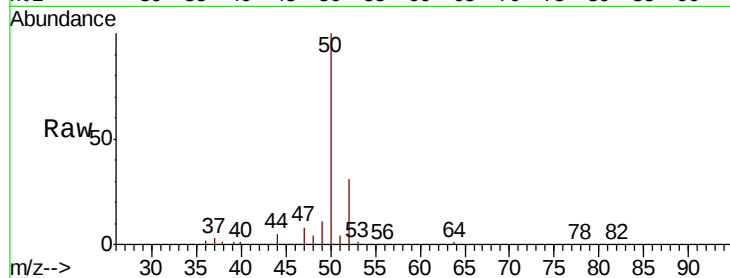
VX0722MBS01

Tot Ion: 50 Resp: 39819

Ion Ratio Lower Upper

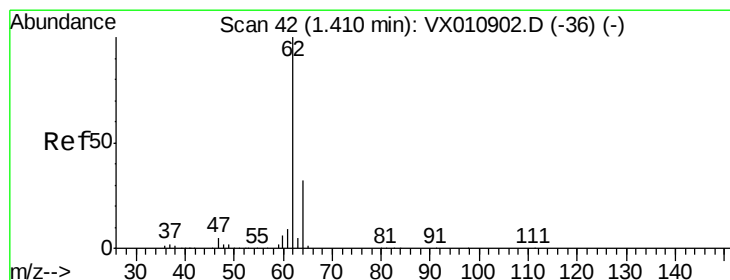
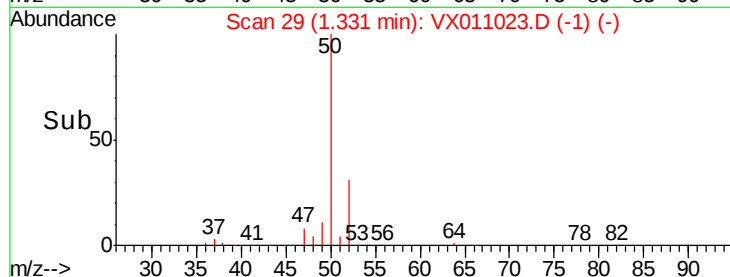
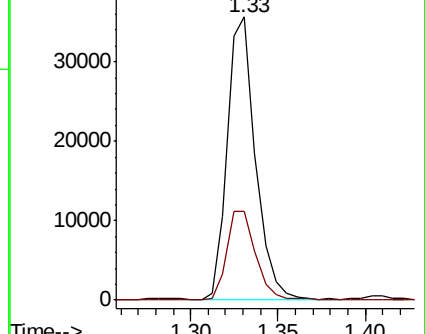
50 100

52 31.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.535 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011023.D

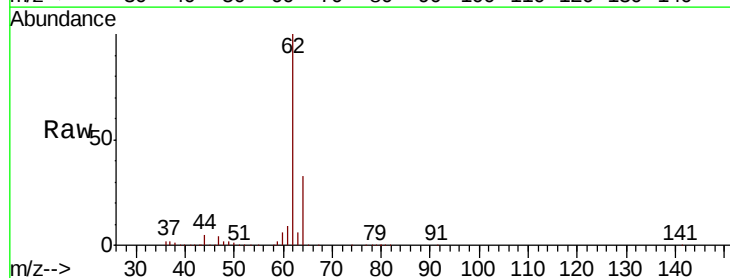
Acq: 22 Jul 2019 12:19

Tgt Ion: 62 Resp: 42295

Ion Ratio Lower Upper

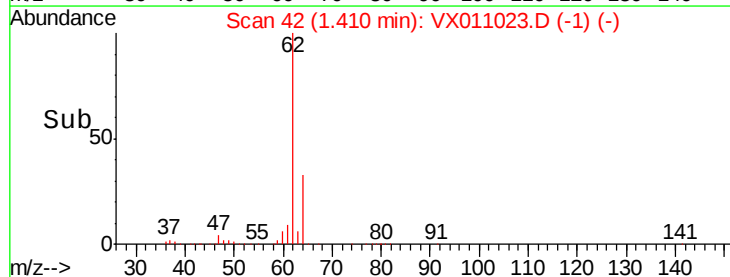
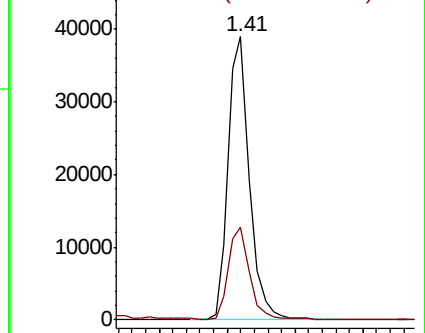
62 100

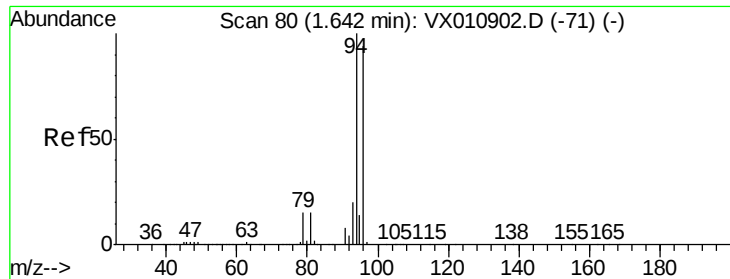
64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.877 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

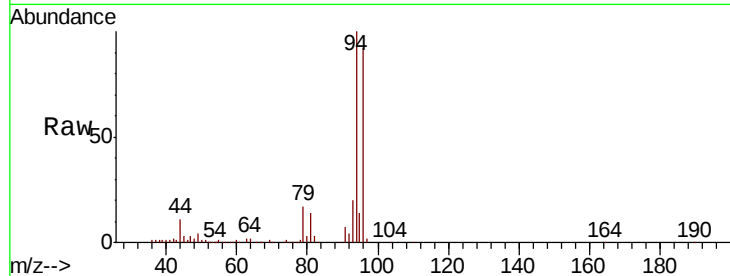
VX0722MBS01

Tot Ion: 94 Resp: 24231

Ion Ratio Lower Upper

94 100

96 92.3 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

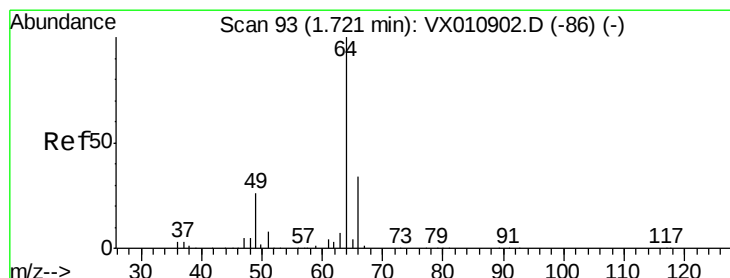
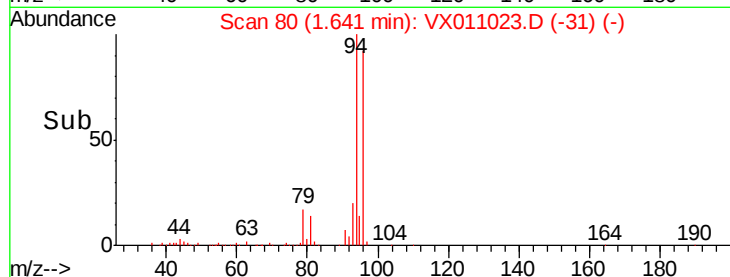
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 20.008 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011023.D

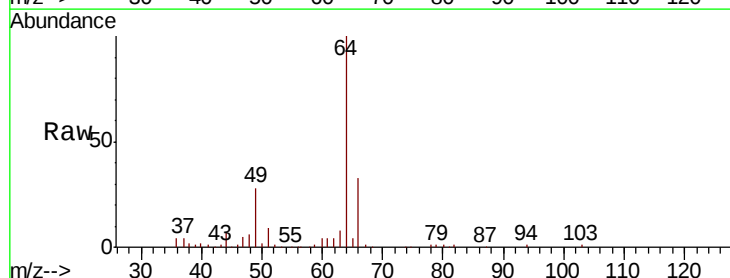
Acq: 22 Jul 2019 12:19

Tgt Ion: 64 Resp: 26189

Ion Ratio Lower Upper

64 100

66 33.3 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

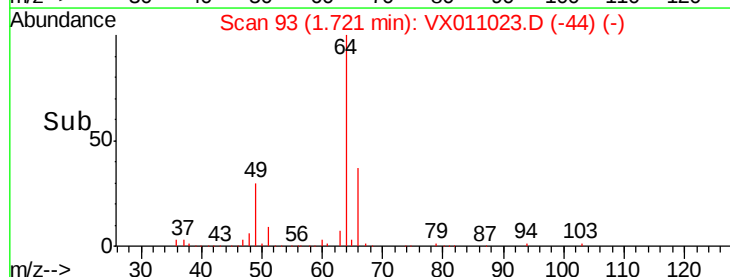
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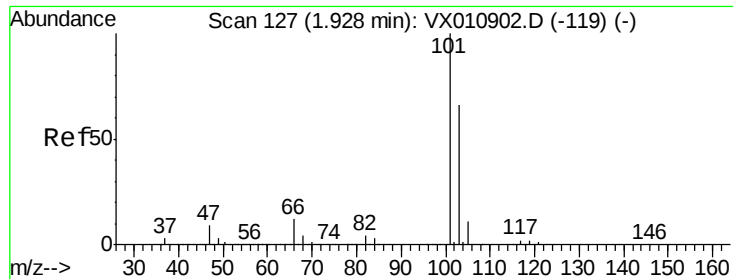
5000

0

Time-->

1.65 1.70 1.75 1.80



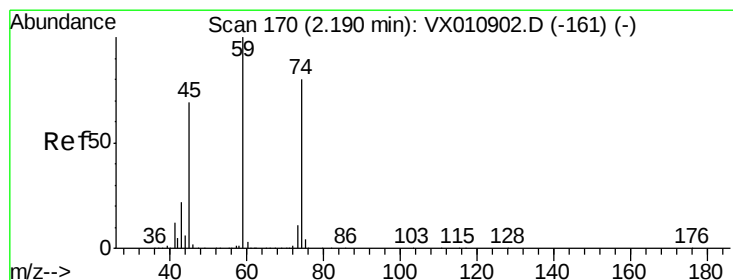
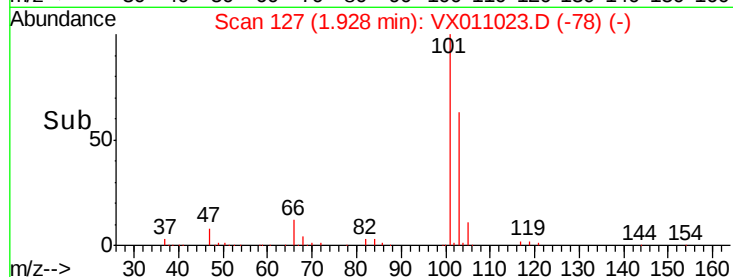
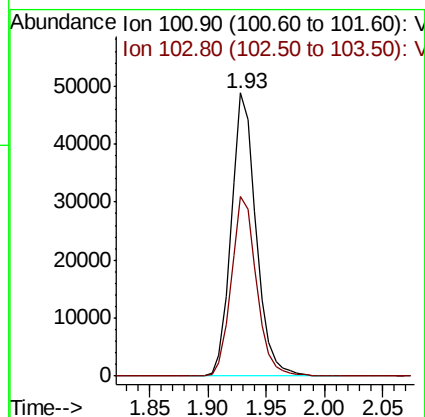
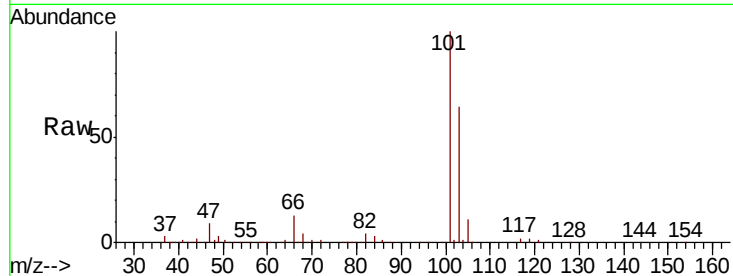


#7

Trichlorofluoromethane
 Concen: 20.752 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

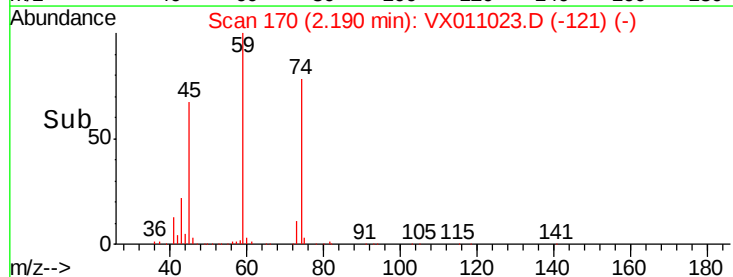
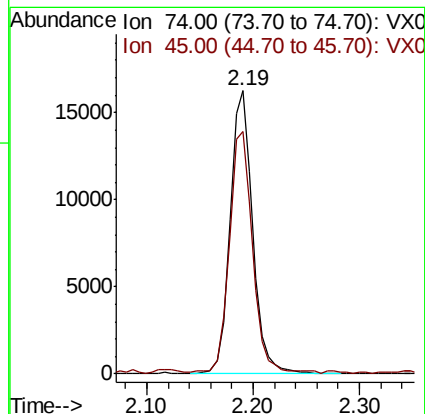
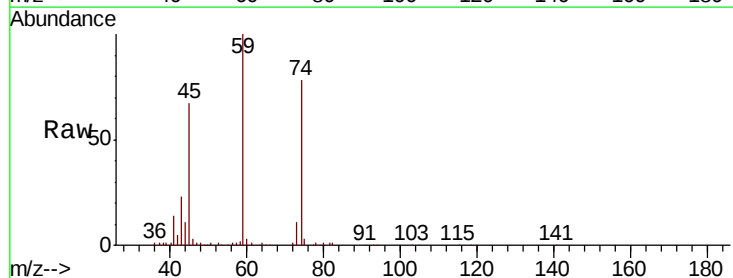
Tot Ion:101 Resp: 72353
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.6 78.8

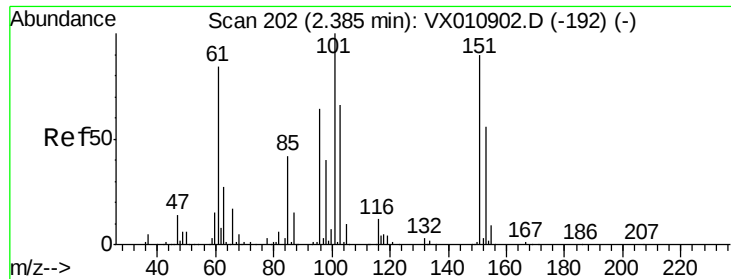


#8

Diethyl Ether
 Concen: 20.047 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Tgt Ion: 74 Resp: 24082
 Ion Ratio Lower Upper
 74 100
 45 85.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.670 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

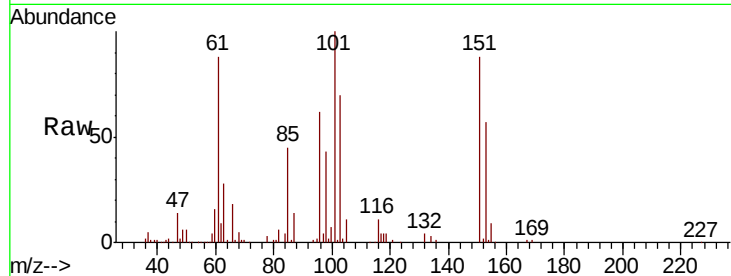
Tot Ion:101 Resp: 41147

Ion Ratio Lower Upper

101 100

85 43.0 34.6 52.0

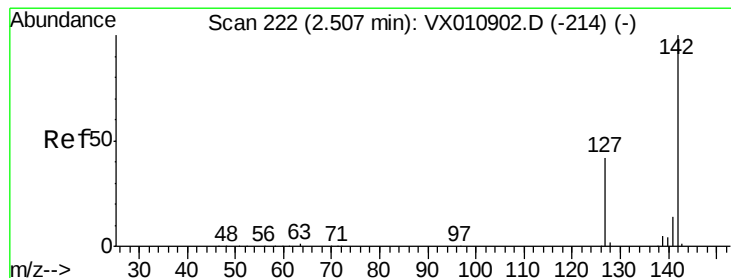
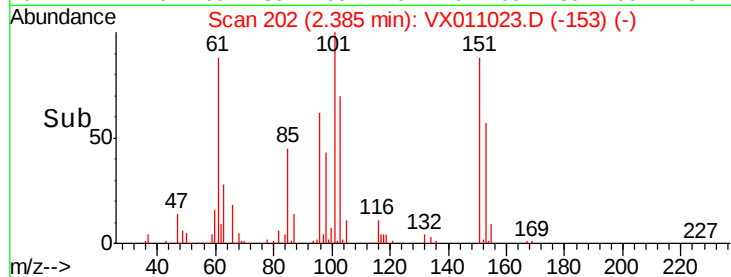
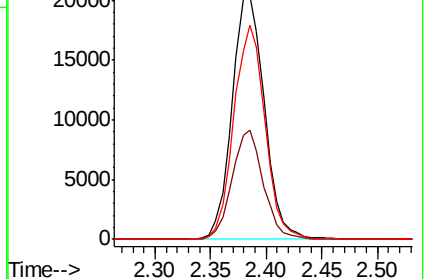
151 84.4 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.156 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

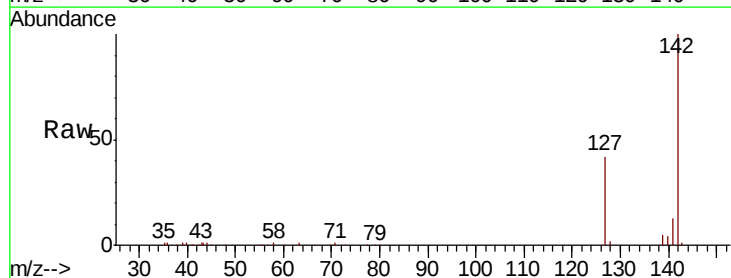
Tgt Ion:142 Resp: 47430

Ion Ratio Lower Upper

142 100

127 42.2 34.2 51.4

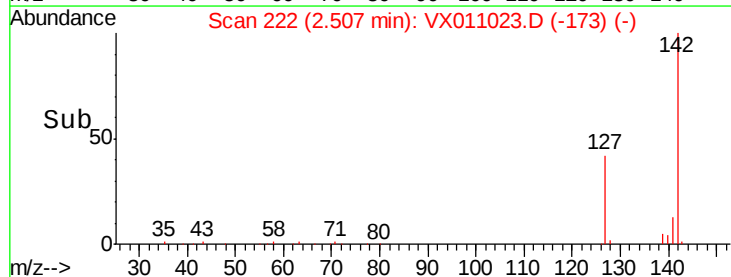
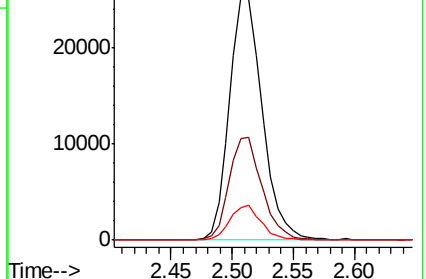
141 13.6 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

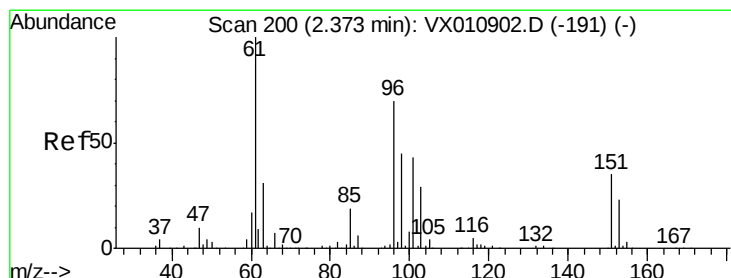
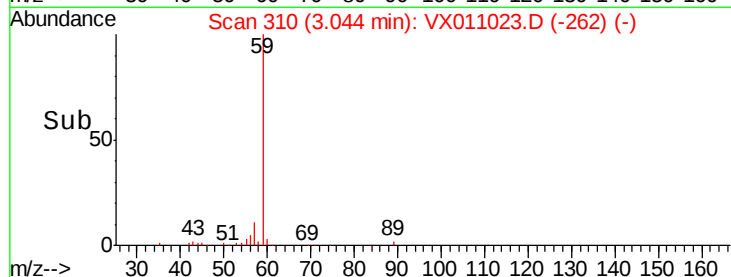
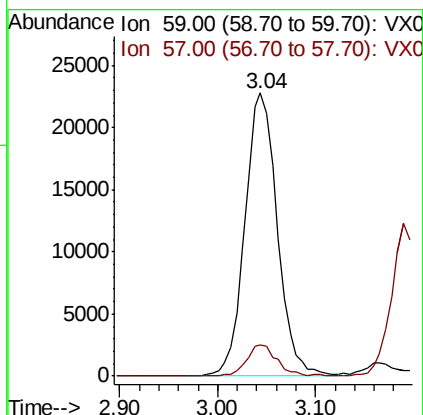
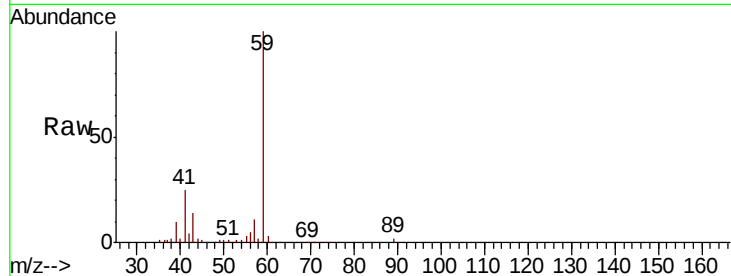




#11
Tert butyl alcohol
Concen: 96.349 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

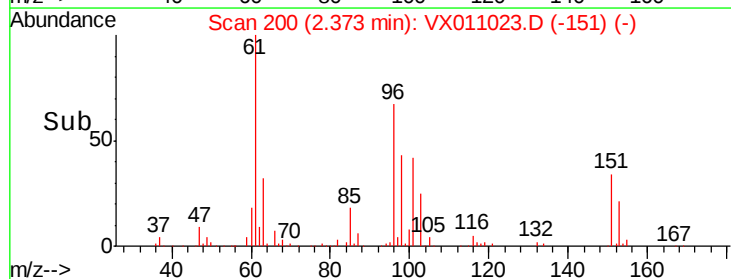
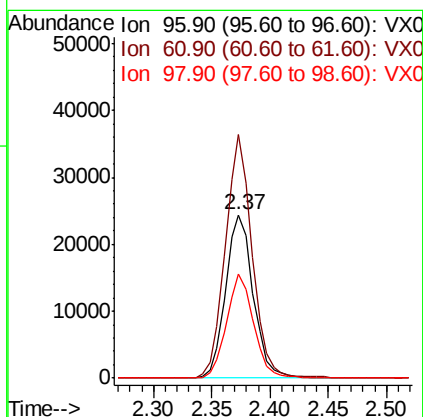
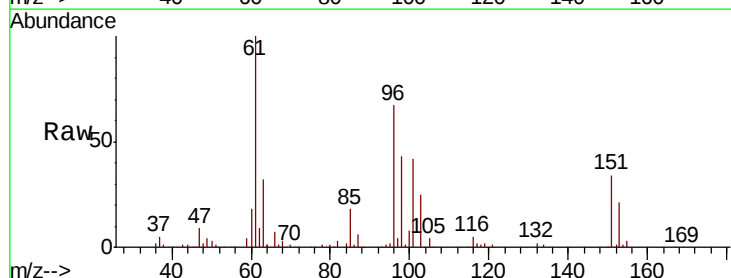
Instrument :
MSVOA_X
ClientSampled :
VX0722MBS01

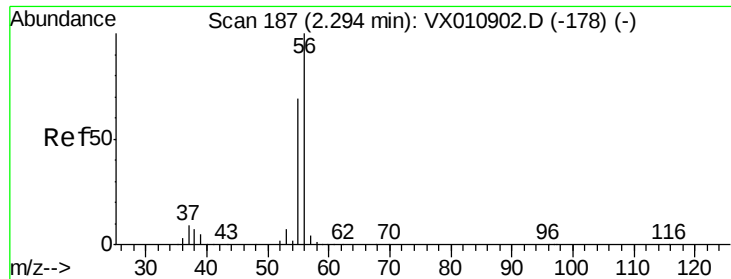
Tot Ion: 59 Resp: 52418
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9



#12
1,1-Dichloroethene
Concen: 20.507 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion: 96 Resp: 40110
Ion Ratio Lower Upper
96 100
61 149.2 115.0 172.4
98 64.1 52.2 78.2





#13

Acrolein

Concen: 74.142 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

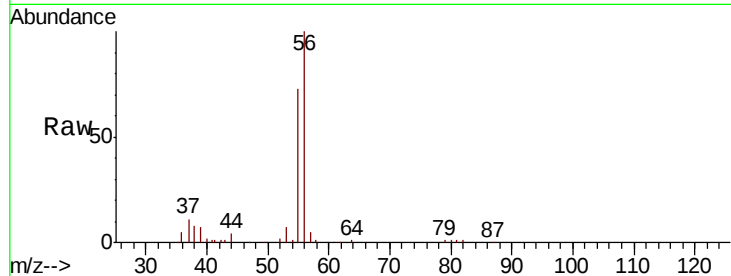
VX0722MBS01

Tot Ion: 56 Resp: 23305

Ion Ratio Lower Upper

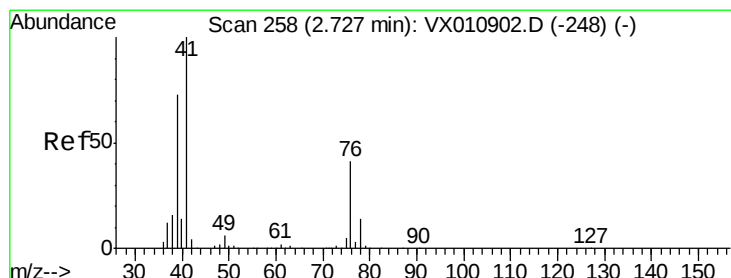
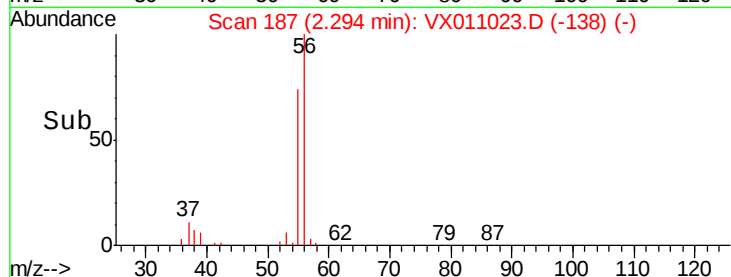
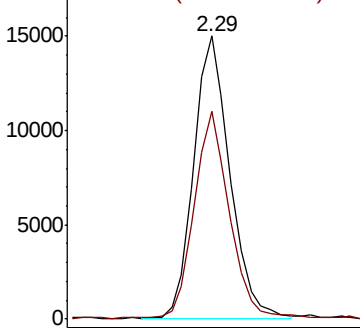
56 100

55 70.0 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.125 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

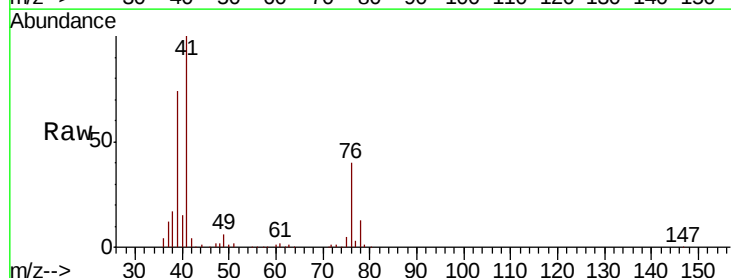
Tgt Ion: 41 Resp: 57174

Ion Ratio Lower Upper

41 100

39 68.3 53.6 80.4

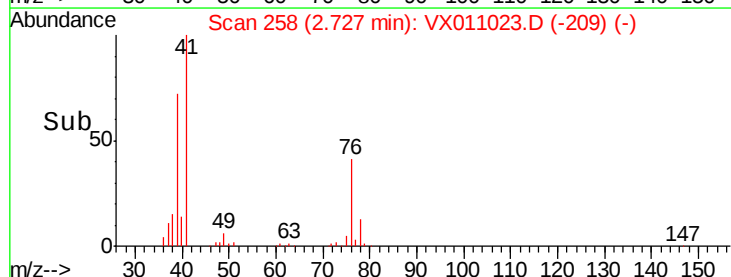
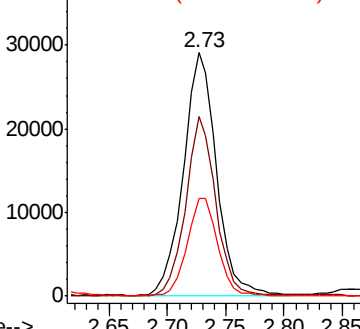
76 38.0 29.7 44.5

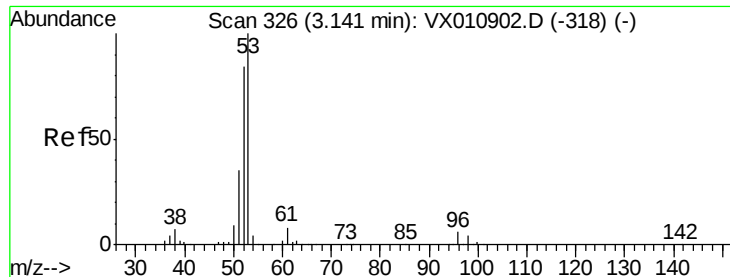


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.082 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

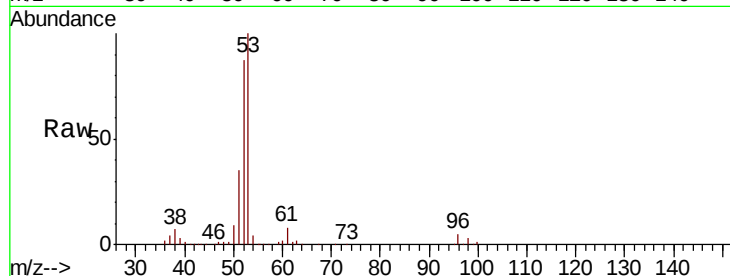
Tot Ion: 53 Resp: 112223

Ion Ratio Lower Upper

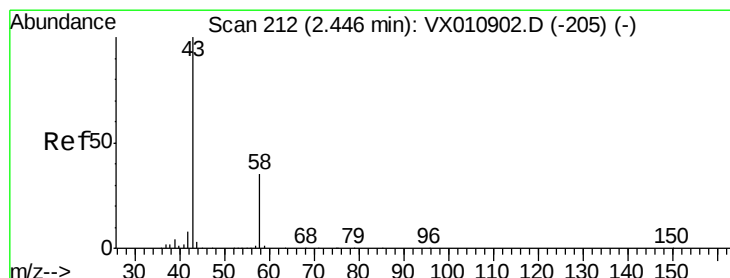
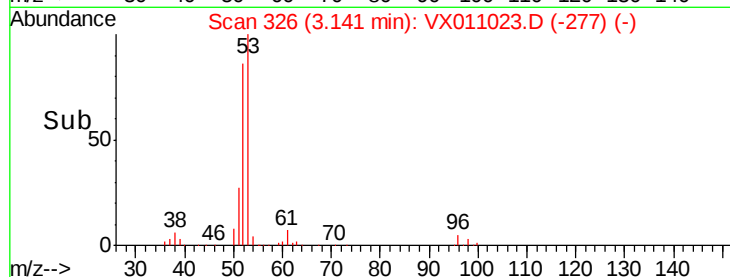
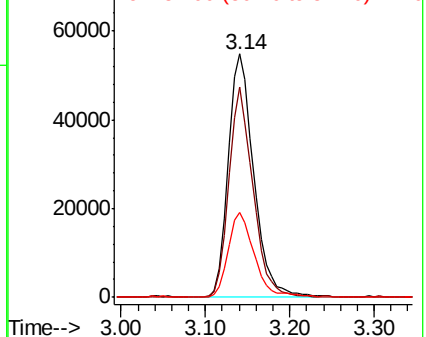
53 100

52 82.2 66.5 99.7

51 36.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 95.941 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011023.D

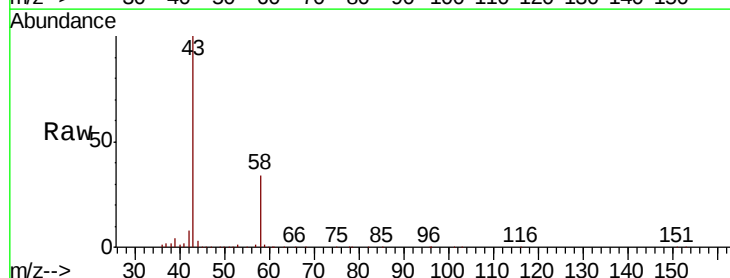
Acq: 22 Jul 2019 12:19

Tgt Ion: 43 Resp: 101224

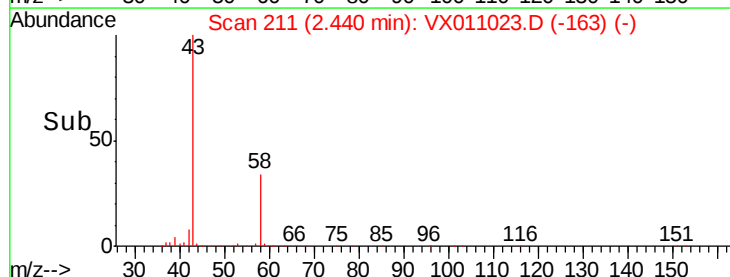
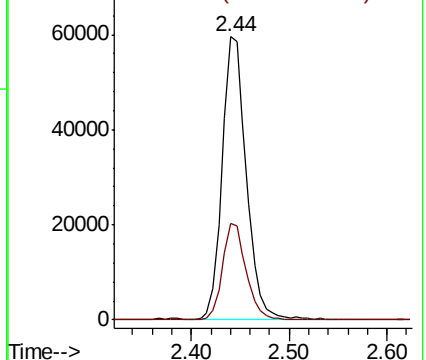
Ion Ratio Lower Upper

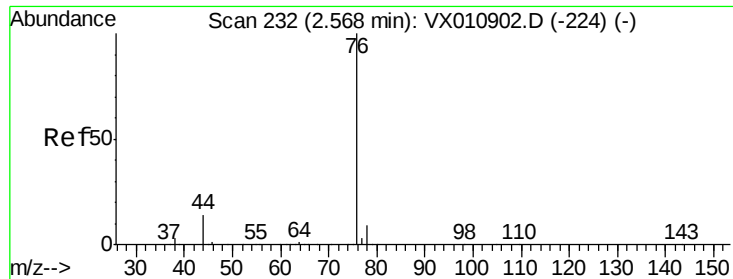
43 100

58 34.1 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

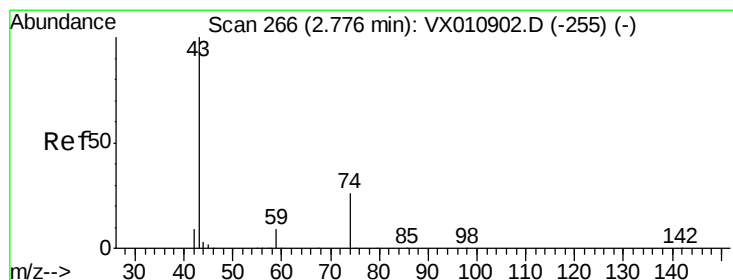
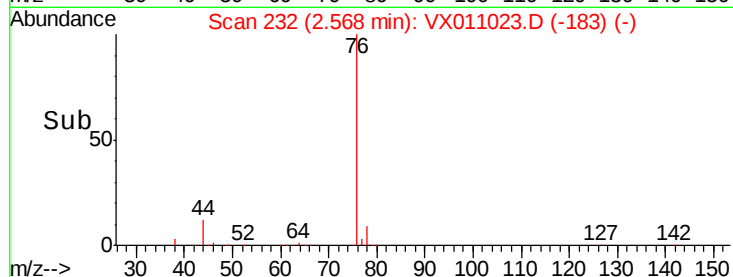
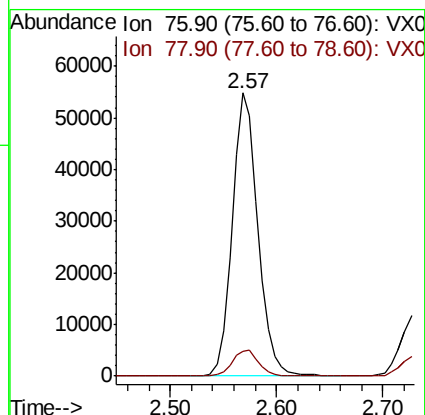
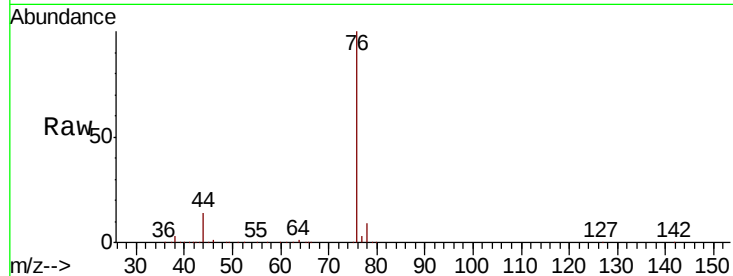




#17
Carbon Disulfide
Concen: 18.433 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

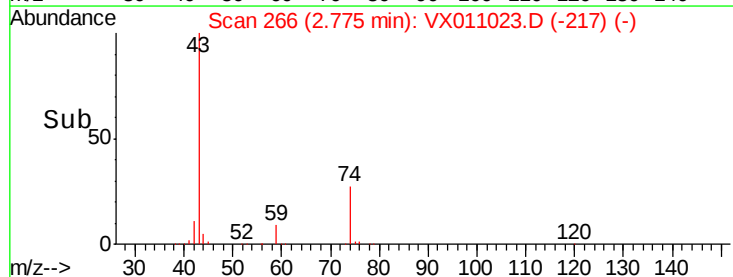
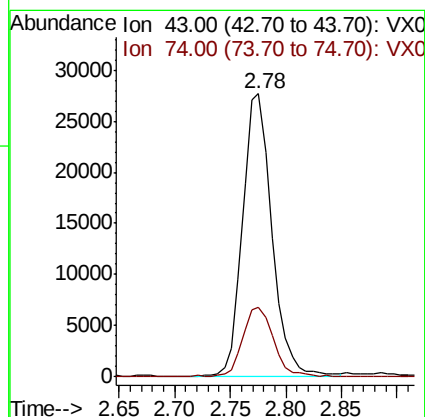
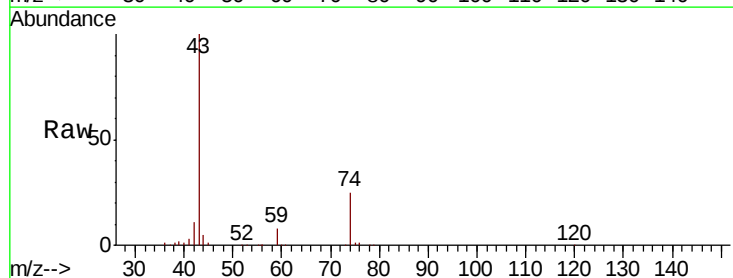
Instrument :
MSVOA_X
ClientSampleId :
VX0722MBS01

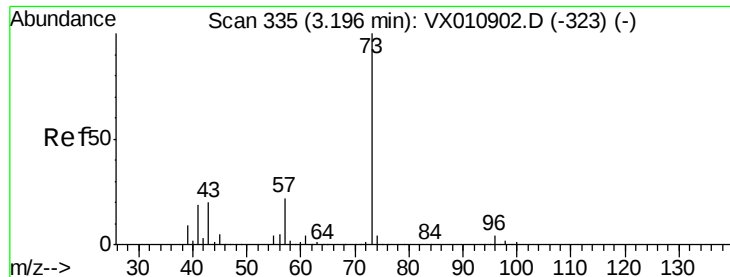
Tot Ion: 76 Resp: 92479
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 21.046 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion: 43 Resp: 50562
Ion Ratio Lower Upper
43 100
74 26.0 21.5 32.3

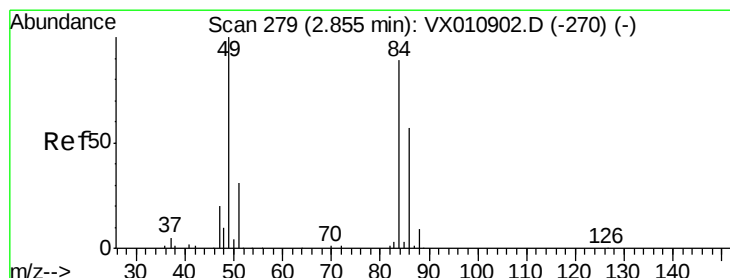
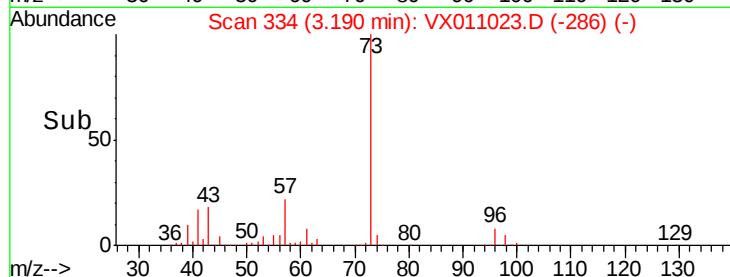
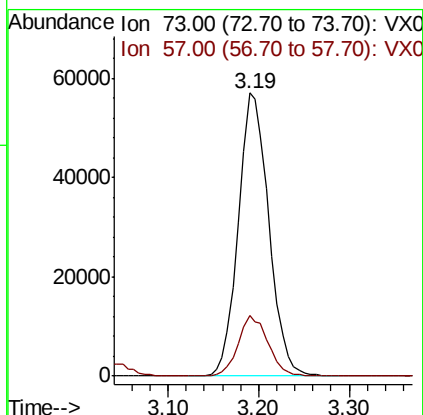
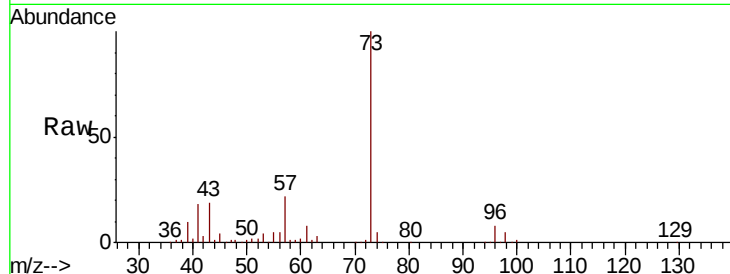




#19
Methyl tert-butyl Ether
Concen: 21.079 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

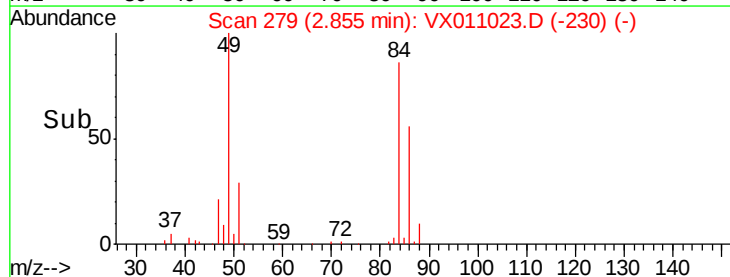
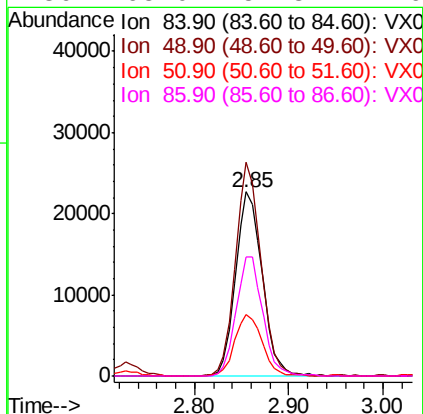
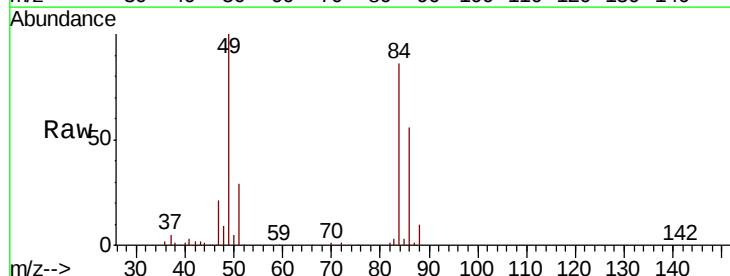
Instrument :
MSVOA_X
ClientSampleId :
VX0722MBS01

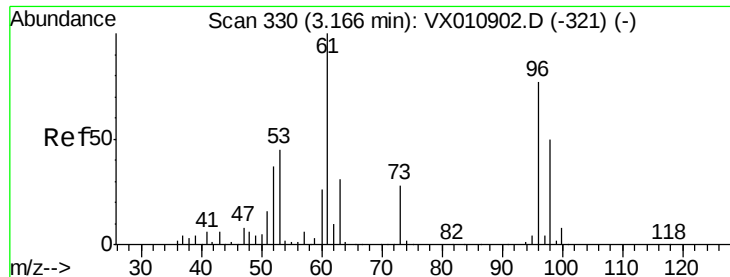
Tot Ion: 73 Resp: 132720
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 19.969 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion: 84 Resp: 44650
Ion Ratio Lower Upper
84 100
49 115.9 89.9 134.9
51 33.7 27.8 41.6
86 65.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.943 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

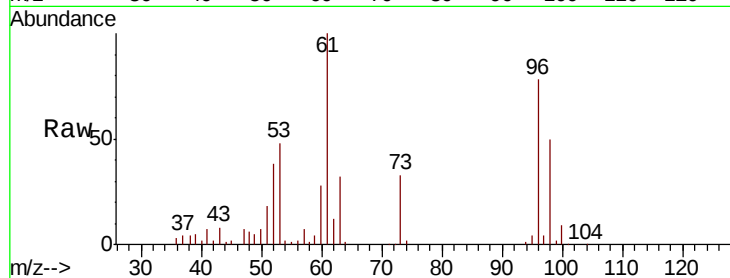
Tot Ion: 96 Resp: 41388

Ion Ratio Lower Upper

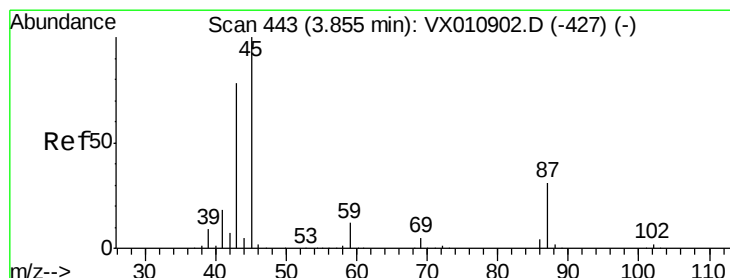
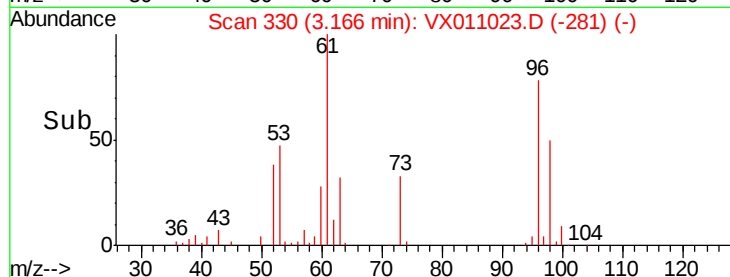
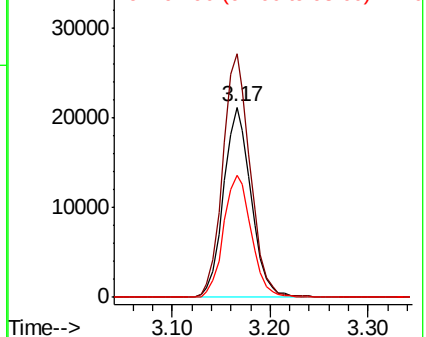
96 100

61 128.1 104.2 156.2

98 64.2 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.494 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Tgt Ion: 45 Resp: 122799

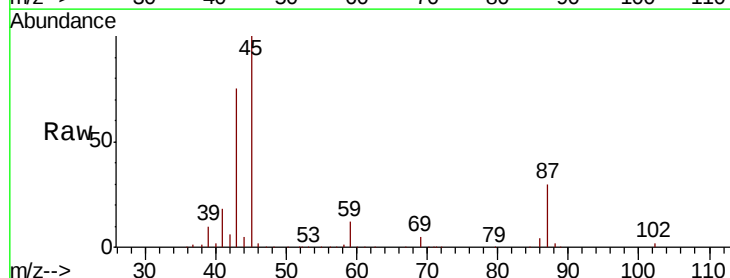
Ion Ratio Lower Upper

45 100

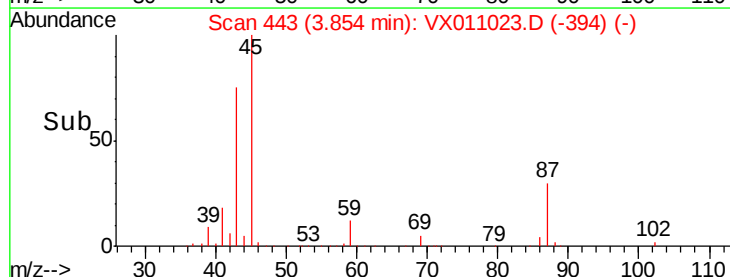
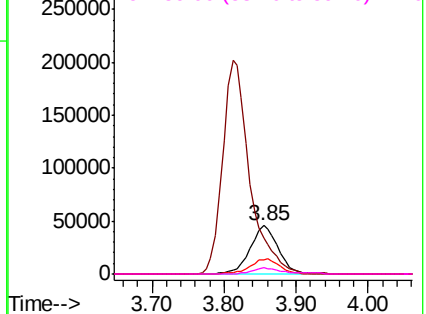
43 75.0 62.3 93.5

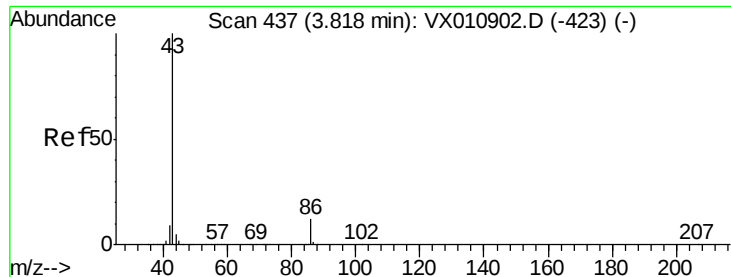
87 29.5 25.0 37.4

59 12.0 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 104.523 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

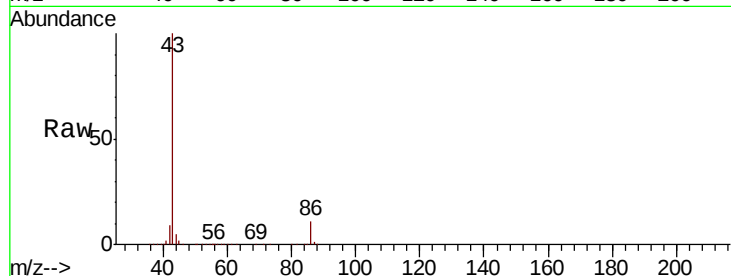
VX0722MBS01

Tot Ion: 43 Resp: 530648

Ion Ratio Lower Upper

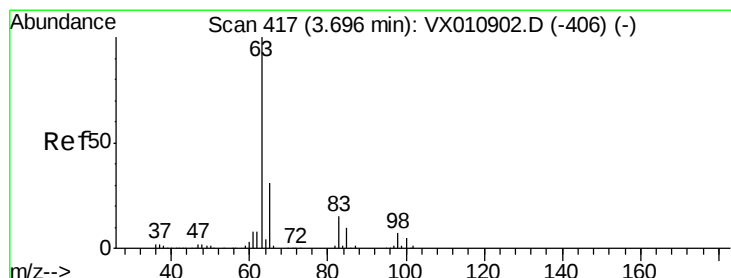
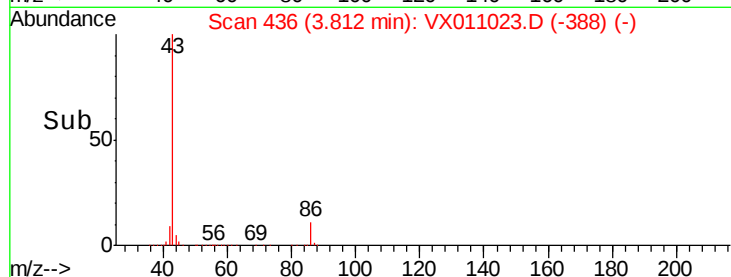
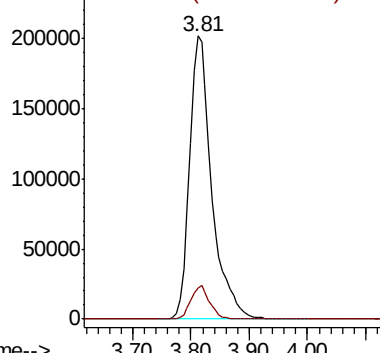
43 100

86 11.2 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.424 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

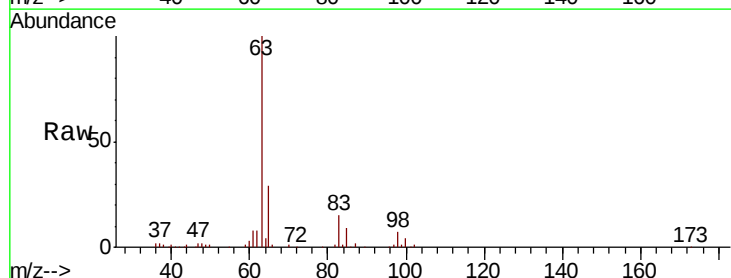
Tgt Ion: 63 Resp: 71072

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

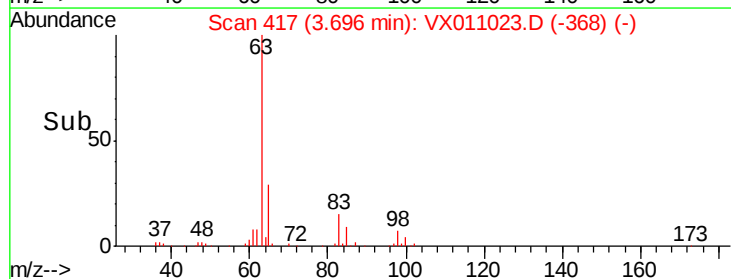
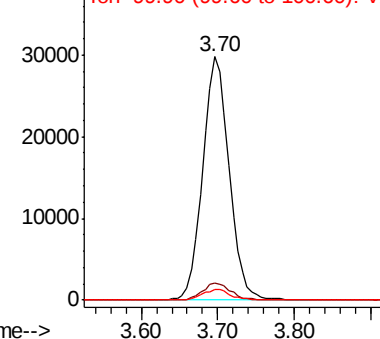
100 4.4 2.4 7.2

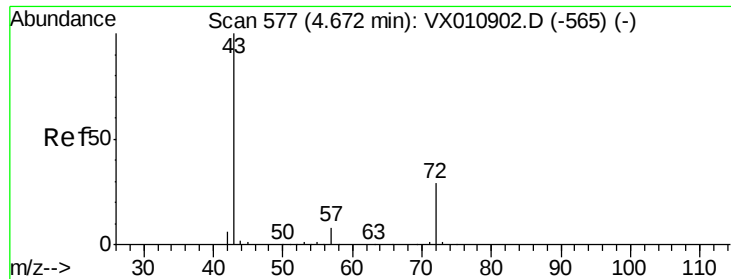


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 101.504 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

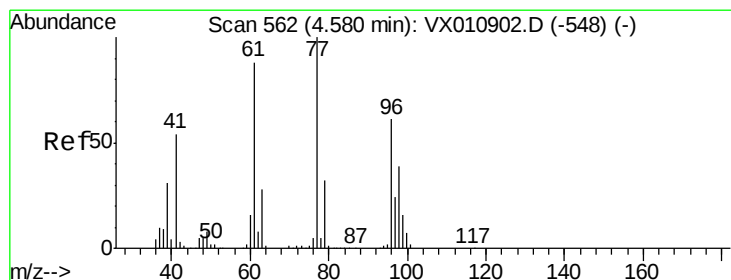
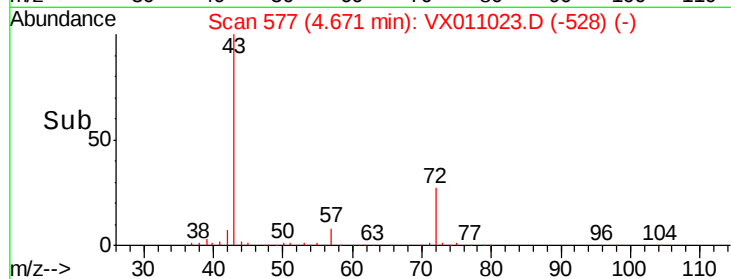
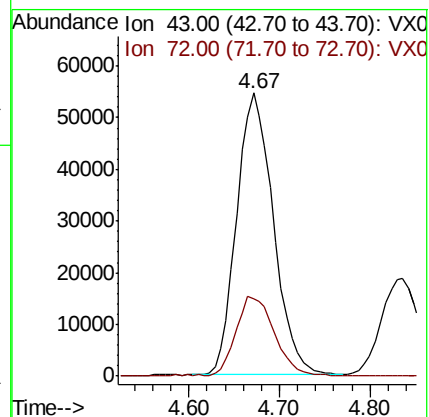
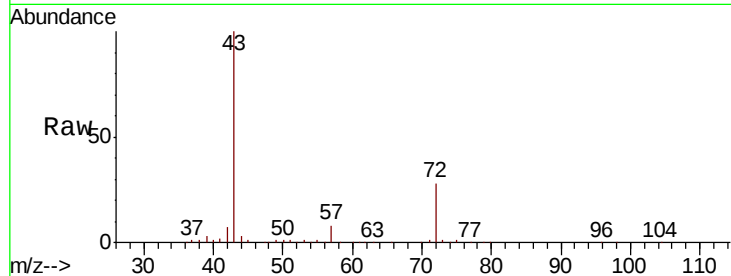
VX0722MBS01

Tot Ion: 43 Resp: 153732

Ion Ratio Lower Upper

43 100

72 27.4 23.0 34.6



#26

2,2-Dichloropropane

Concen: 20.282 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011023.D

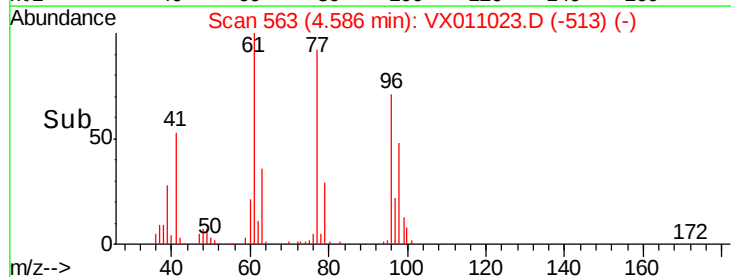
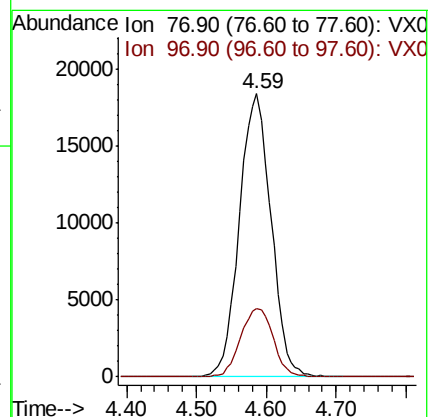
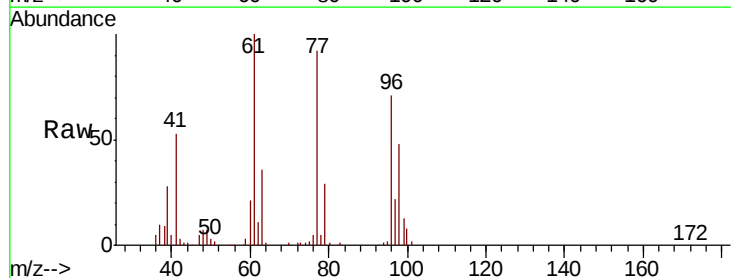
Acq: 22 Jul 2019 12:19

Tgt Ion: 77 Resp: 57951

Ion Ratio Lower Upper

77 100

97 24.9 12.6 37.6



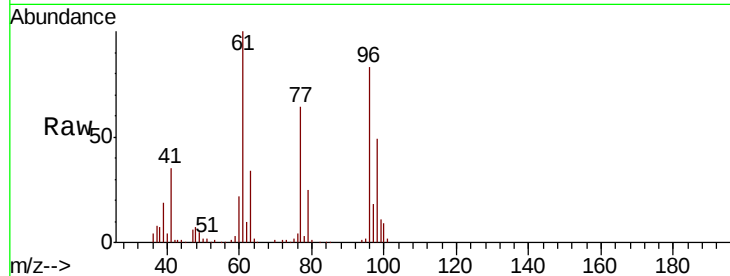


#27

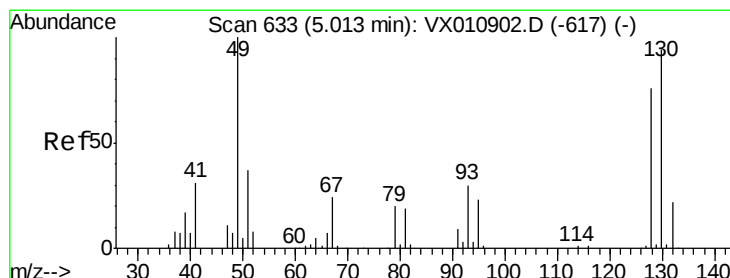
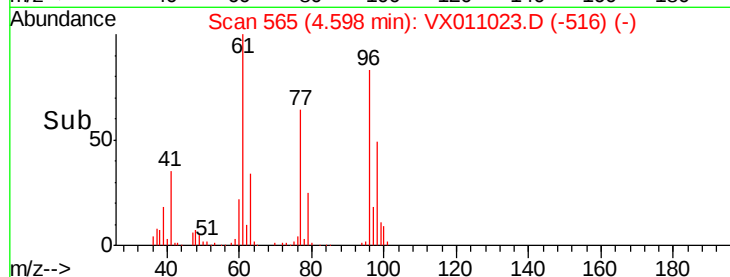
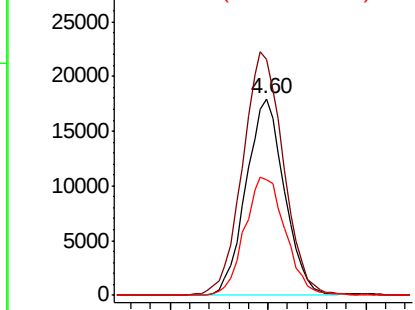
cis-1,2-Dichloroethene
 Concen: 20.393 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

Tot Ion: 96 Resp: 48980
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 269.0
 98 63.9 0.0 131.4



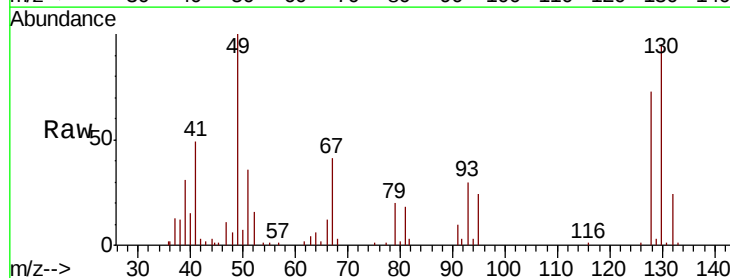
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



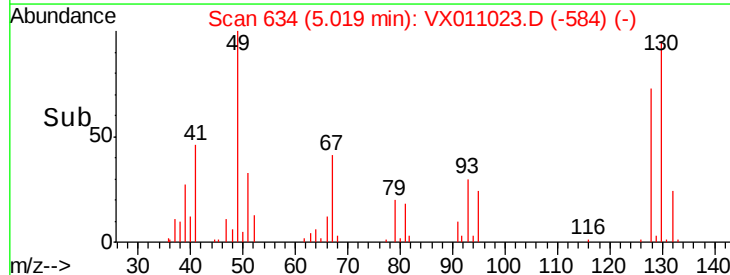
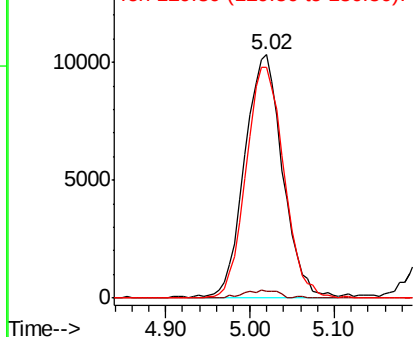
#28

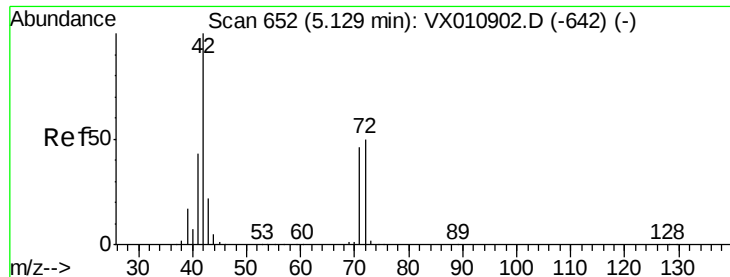
Bromochloromethane
 Concen: 19.360 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Tgt Ion: 49 Resp: 31747
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.2
 130 94.5 76.9 115.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.758 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

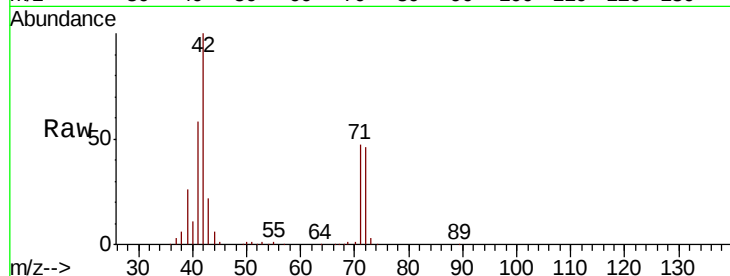
Tot Ion: 42 Resp: 96664

Ion Ratio Lower Upper

42 100

72 50.7 39.8 59.8

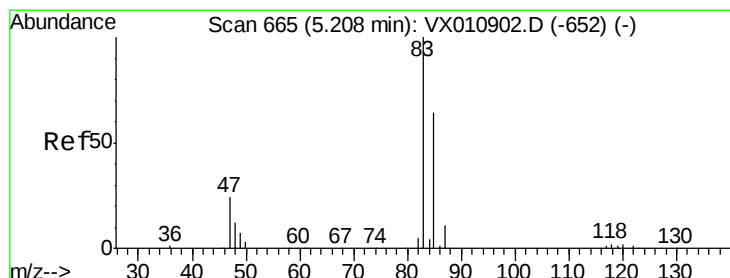
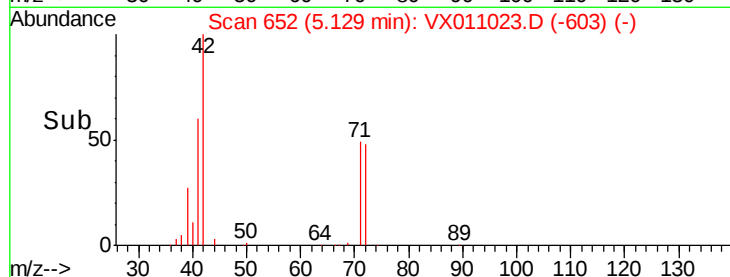
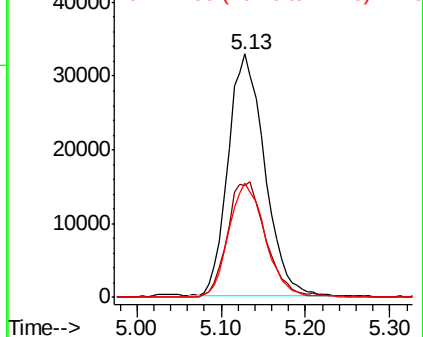
71 47.7 37.0 55.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.303 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX011023.D

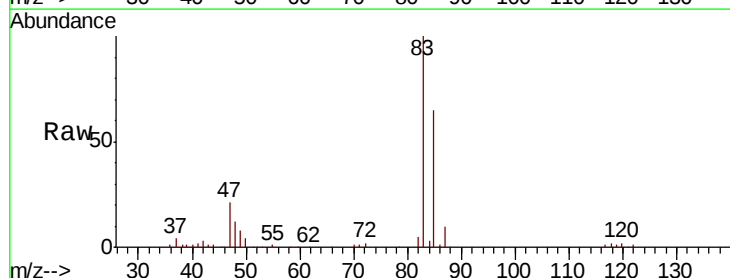
Acq: 22 Jul 2019 12:19

Tgt Ion: 83 Resp: 76366

Ion Ratio Lower Upper

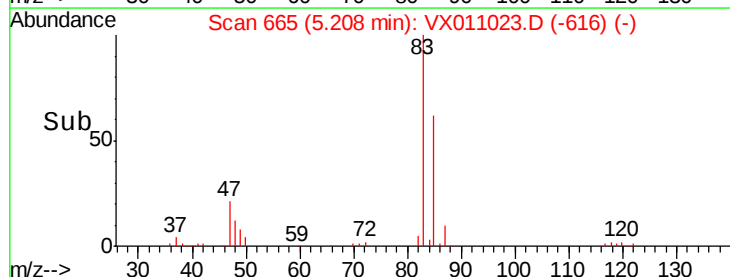
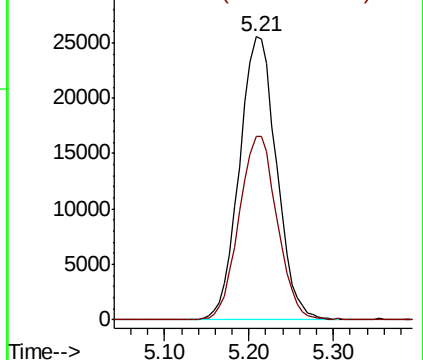
83 100

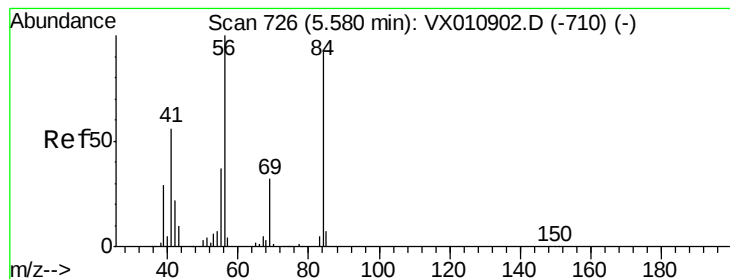
85 64.8 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.460 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

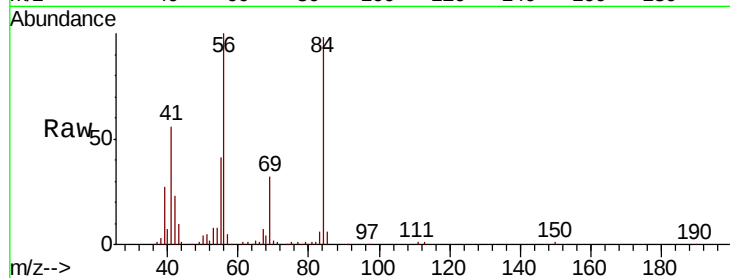
Tot Ion: 56 Resp: 61724

Ion Ratio Lower Upper

56 100

69 32.4 25.8 38.8

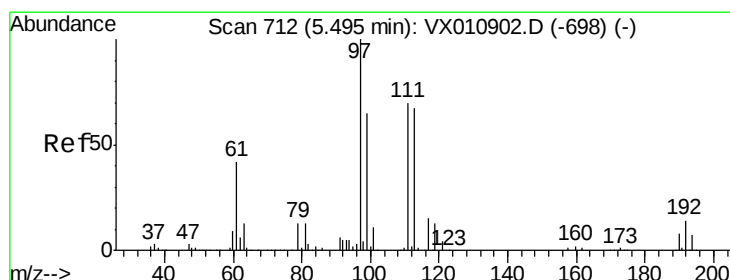
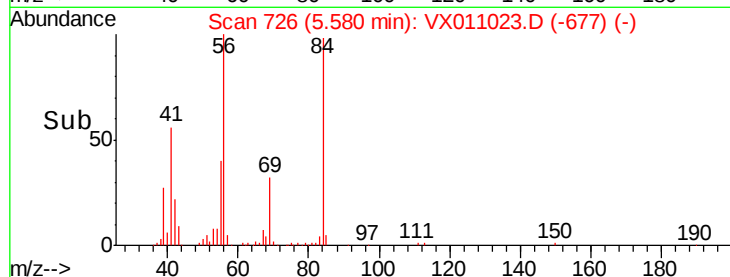
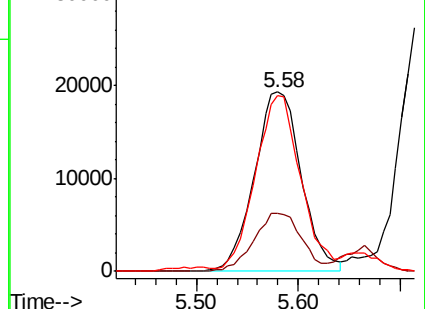
84 96.7 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.450 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

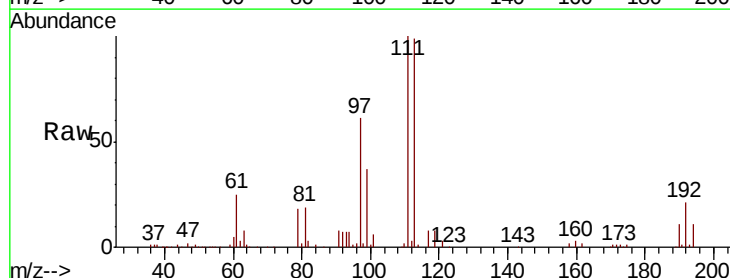
Tgt Ion: 97 Resp: 66546

Ion Ratio Lower Upper

97 100

99 65.1 51.4 77.0

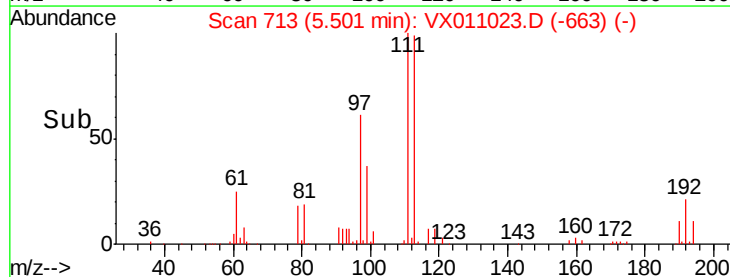
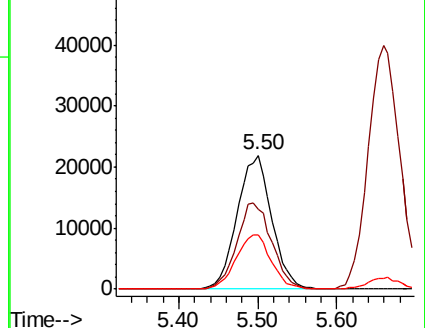
61 41.6 33.0 49.6

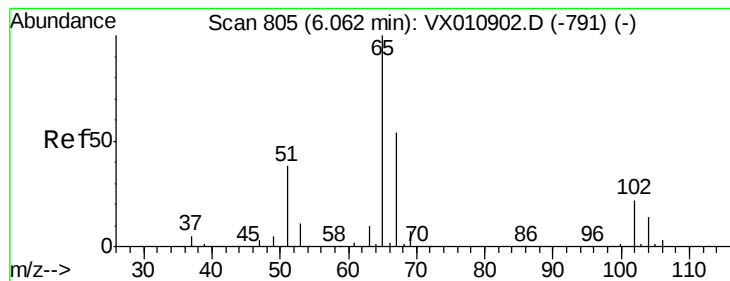


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.678 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

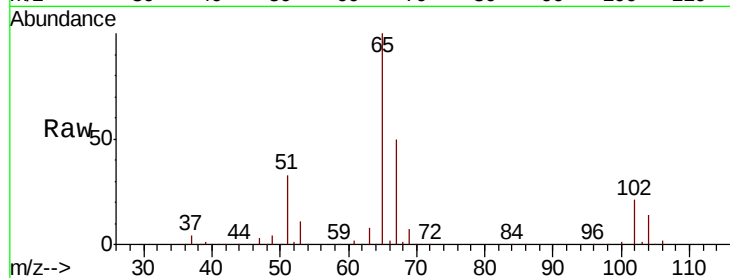
VX0722MBS01

Tot Ion: 65 Resp: 113713

Ion Ratio Lower Upper

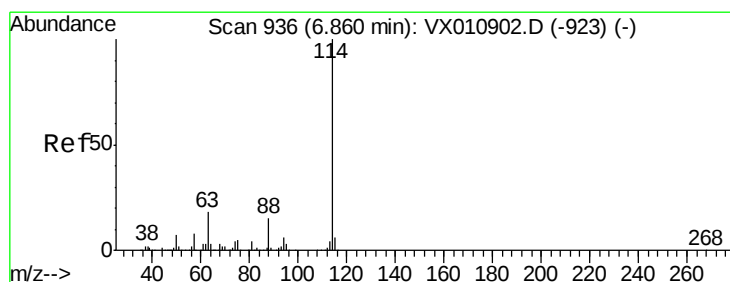
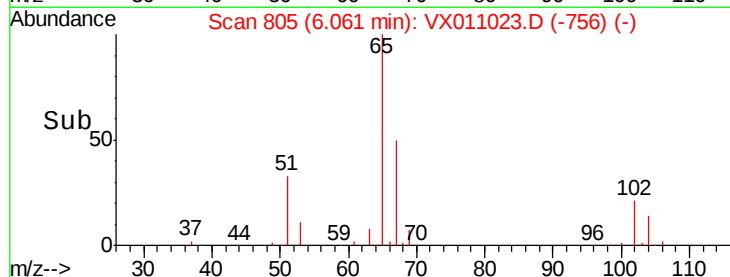
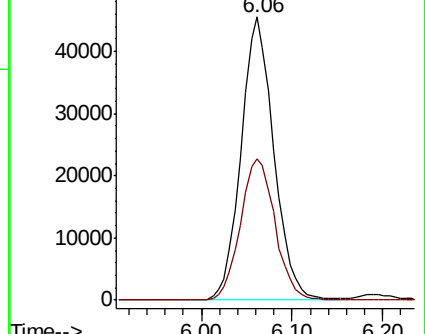
65 100

67 52.9 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

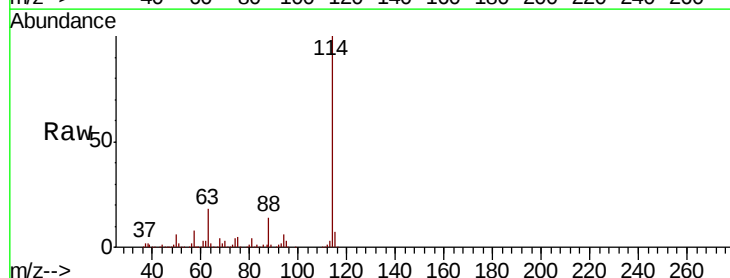
Tgt Ion: 114 Resp: 322397

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.6

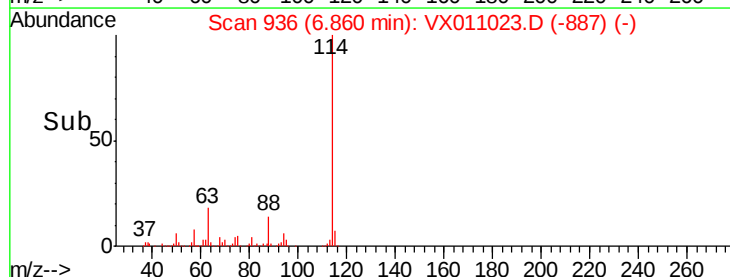
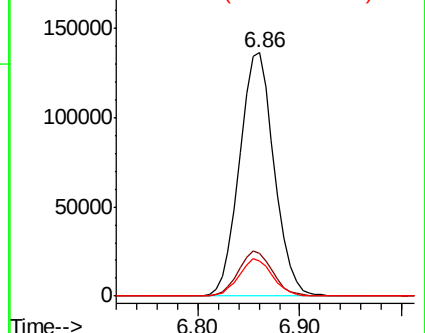
88 14.5 0.0 29.8

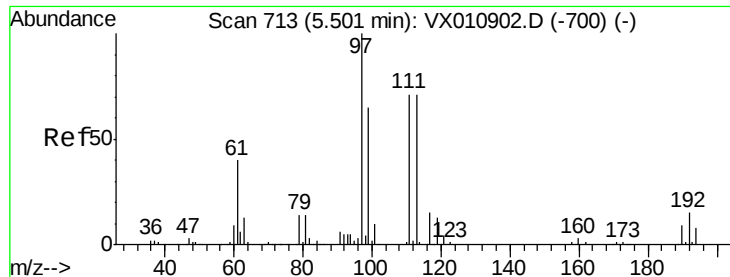


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

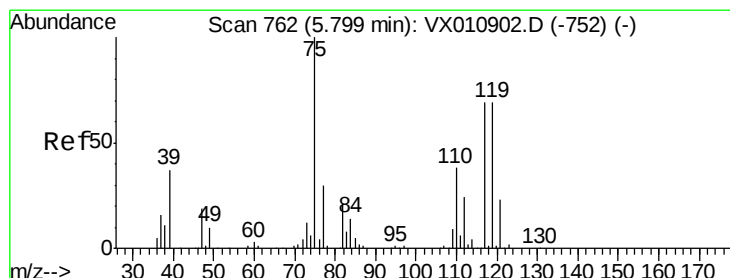
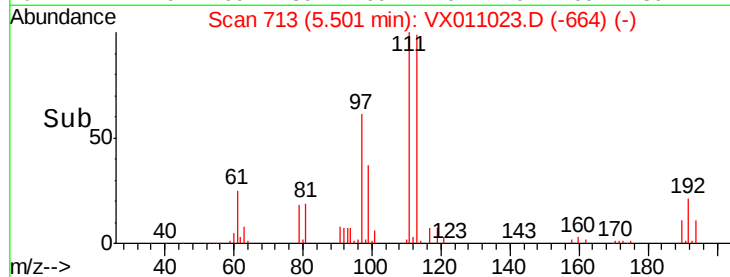
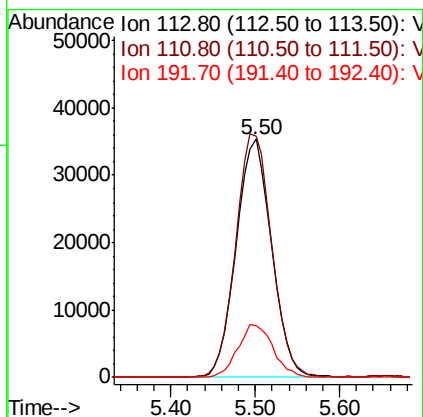
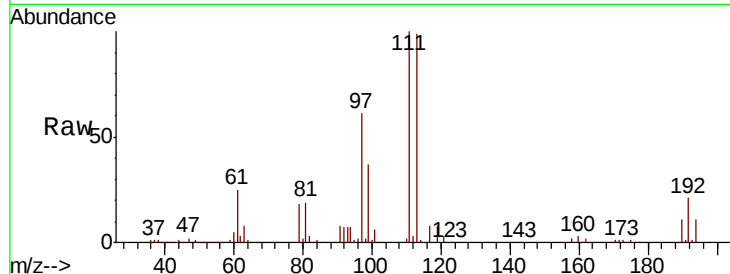




#35
 Dibromofluoromethane
 Concen: 49.274 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

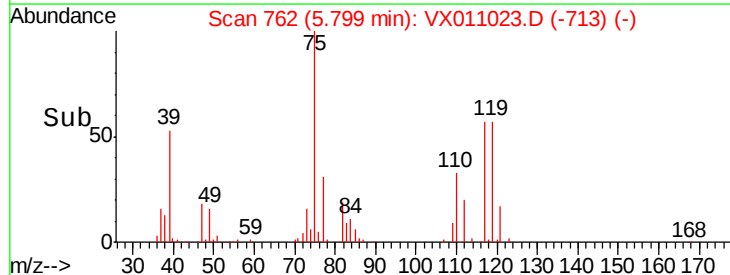
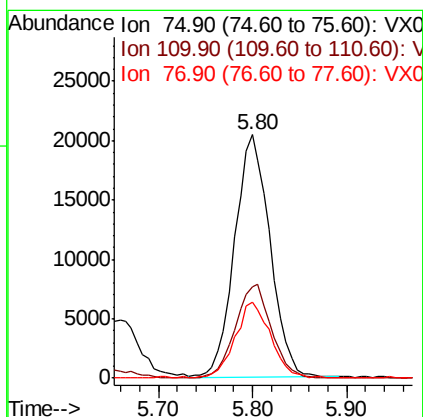
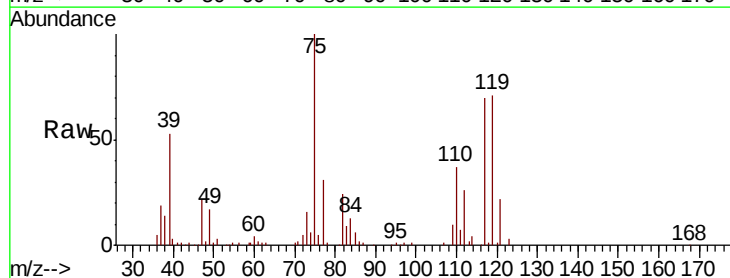
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

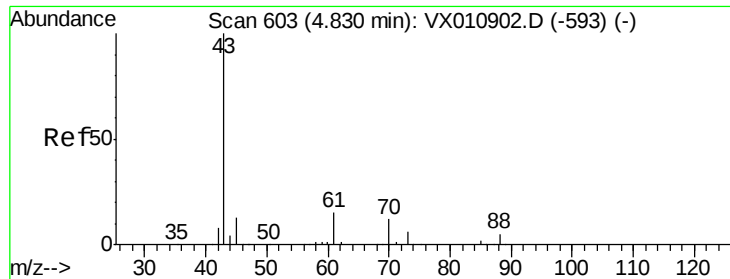
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.3	123.5
192	22.0	17.4	26.2



#36
 1,1-Dichloropropene
 Concen: 20.260 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.9	59.7
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 20.940 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

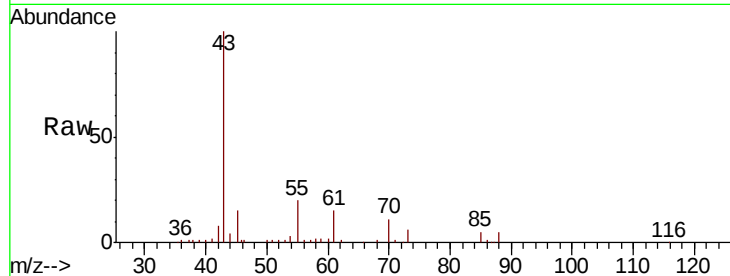
Tot Ion: 43 Resp: 56783

Ion Ratio Lower Upper

43 100

61 16.0 11.6 17.4

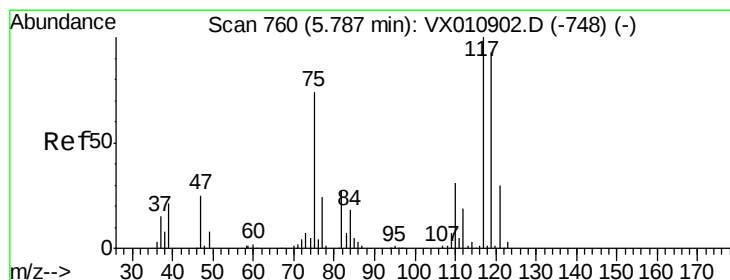
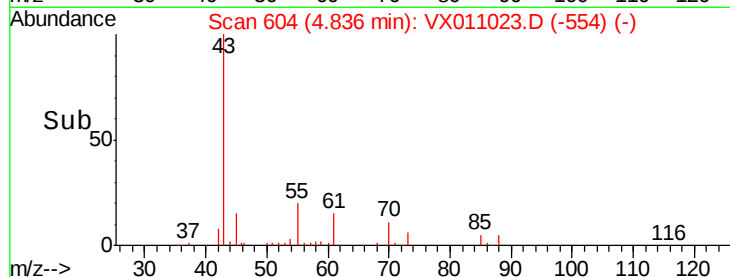
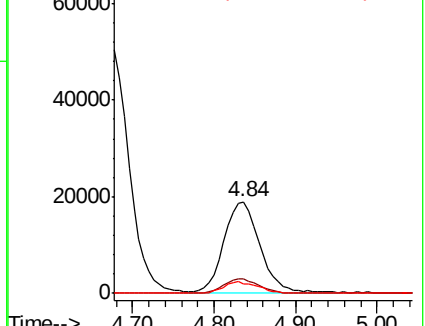
70 12.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 21.014 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

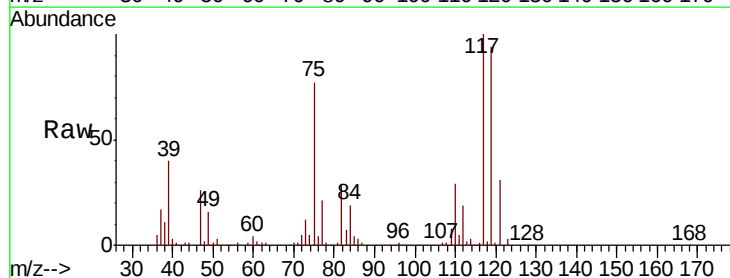
Tgt Ion: 117 Resp: 57988

Ion Ratio Lower Upper

117 100

119 94.5 74.2 111.2

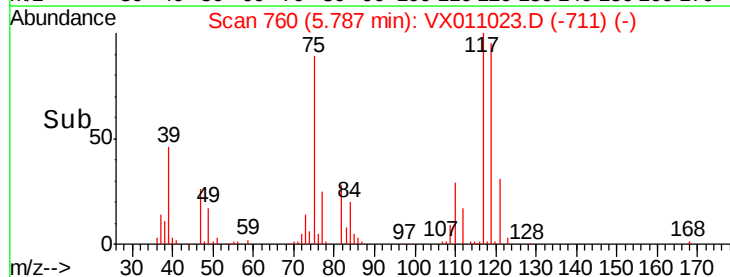
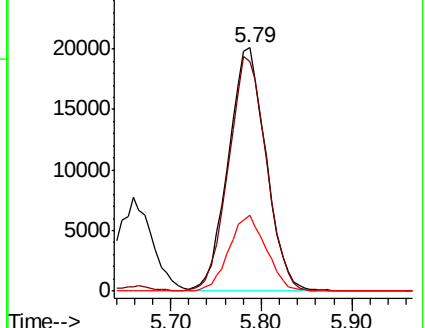
121 31.1 24.2 36.2

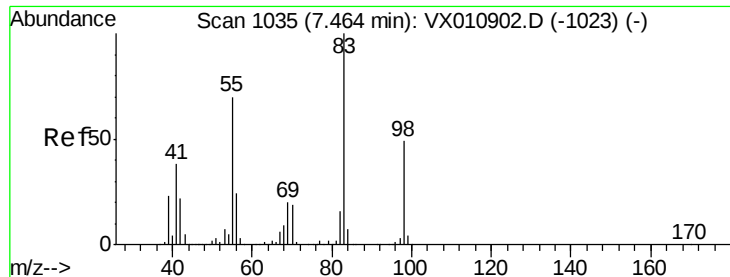


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

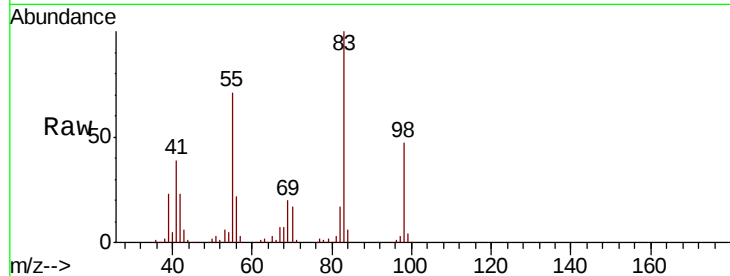




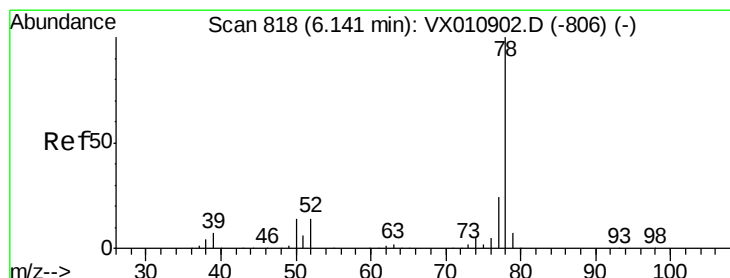
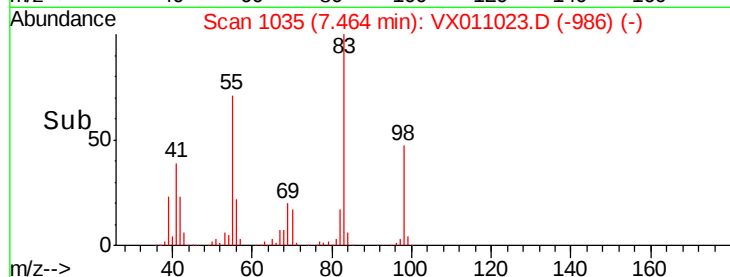
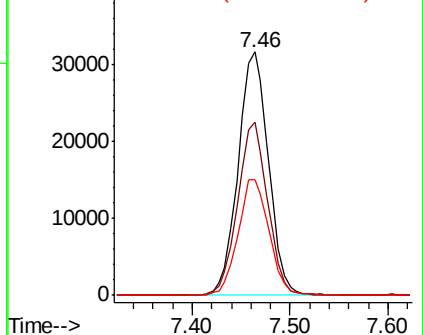
#39
Methvlcvclohexane
Concen: 19.819 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0722MBS01

Tot Ion: 83 Resp: 68061
Ion Ratio Lower Upper
83 100
55 71.0 56.2 84.4
98 47.4 39.0 58.4

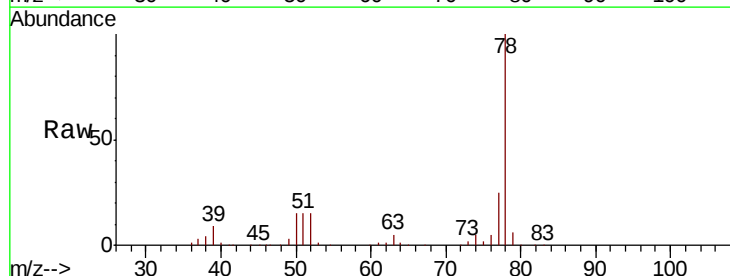


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

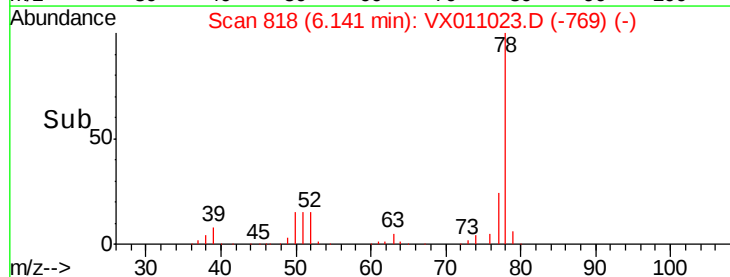
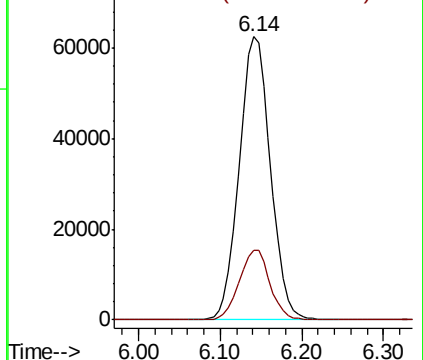


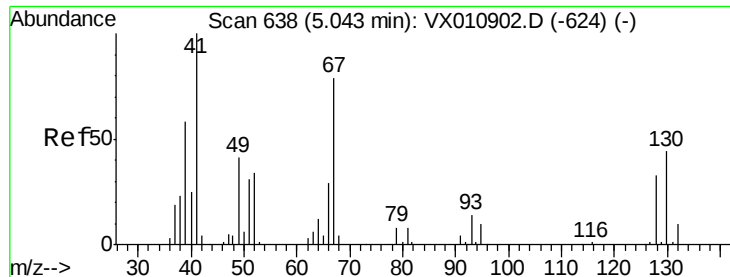
#40
Benzene
Concen: 20.463 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion: 78 Resp: 165992
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 20.506 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

Tot Ion: 41 Resp: 31566

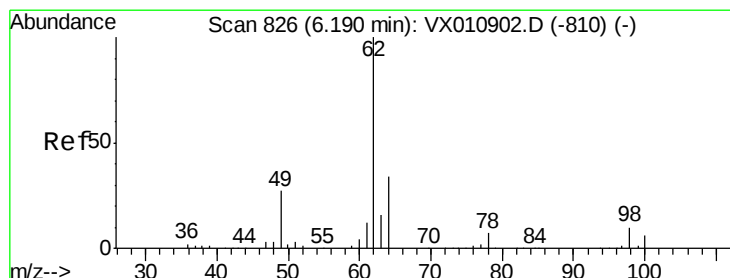
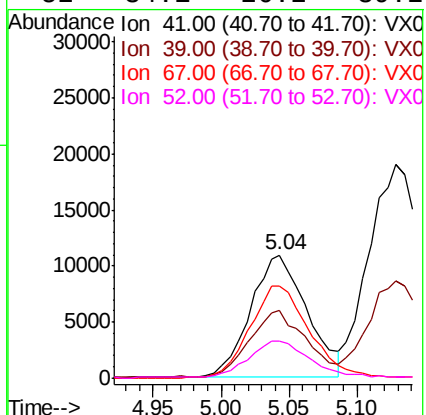
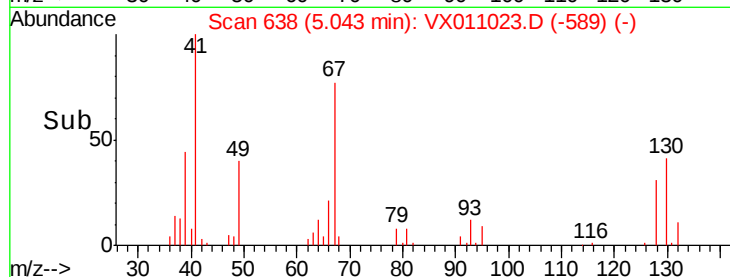
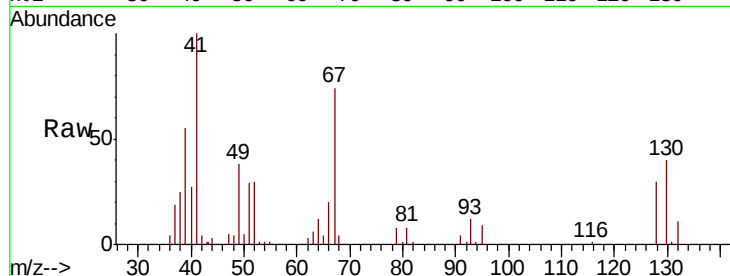
Ion Ratio Lower Upper

41 100

39 54.2 45.4 68.2

67 79.9 65.9 98.9

52 34.1 26.2 39.2



#42

1,2-Dichloroethane

Concen: 21.641 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011023.D

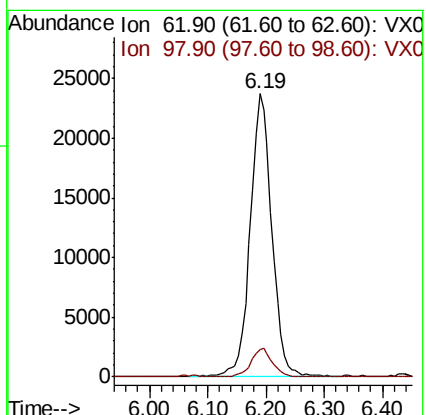
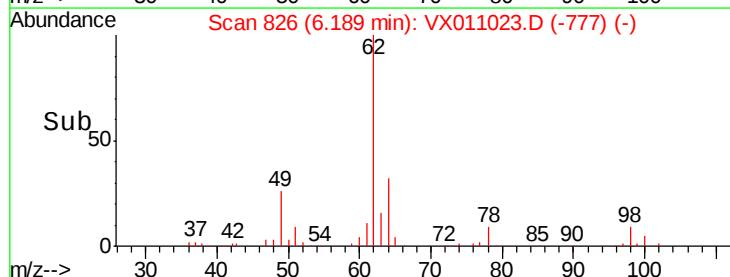
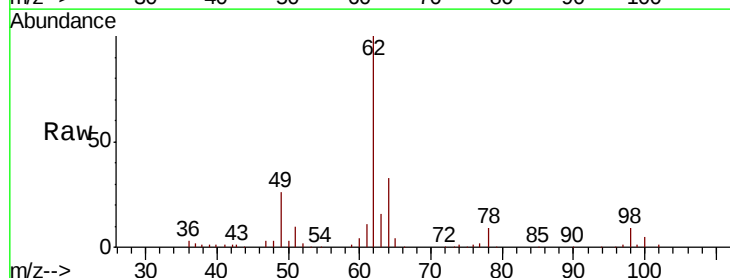
Acq: 22 Jul 2019 12:19

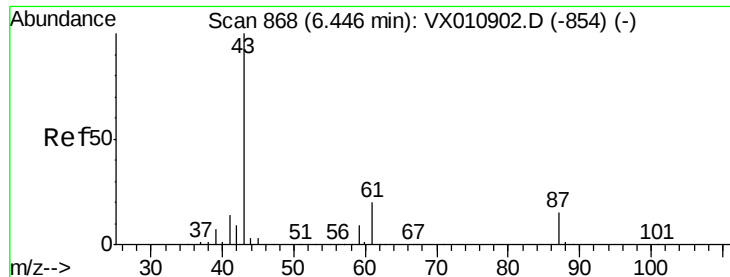
Tgt Ion: 62 Resp: 61039

Ion Ratio Lower Upper

62 100

98 9.7 0.0 20.0





#43

Isopropyl Acetate

Concen: 21.342 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

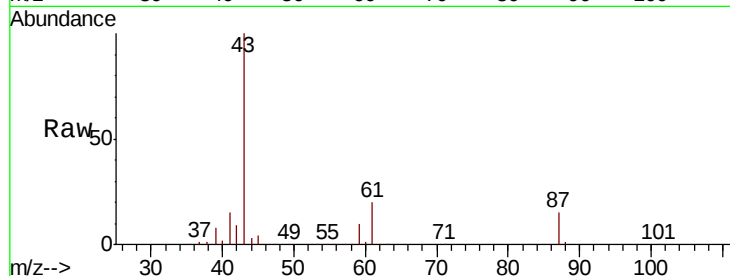
Tot Ion: 43 Resp: 95161

Ion Ratio Lower Upper

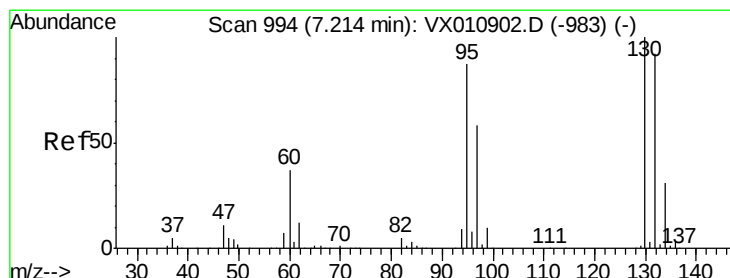
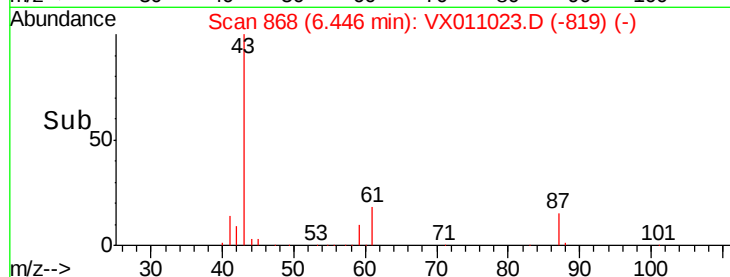
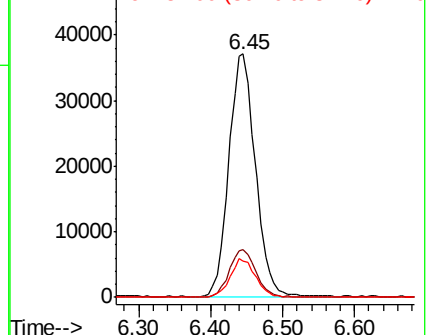
43 100

61 19.9 17.1 25.7

87 15.2 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.393 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011023.D

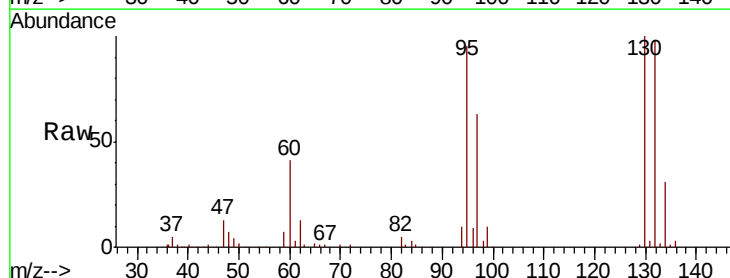
Acq: 22 Jul 2019 12:19

Tgt Ion: 130 Resp: 48967

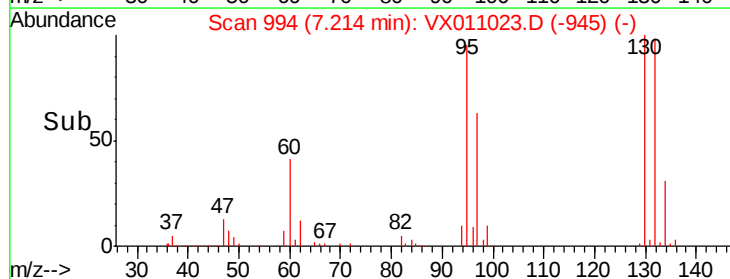
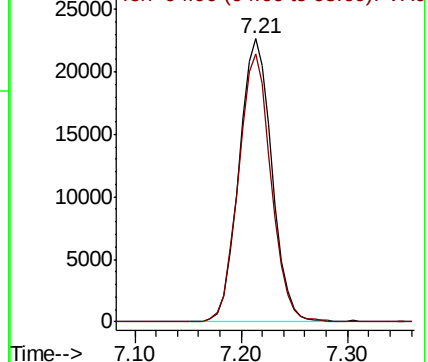
Ion Ratio Lower Upper

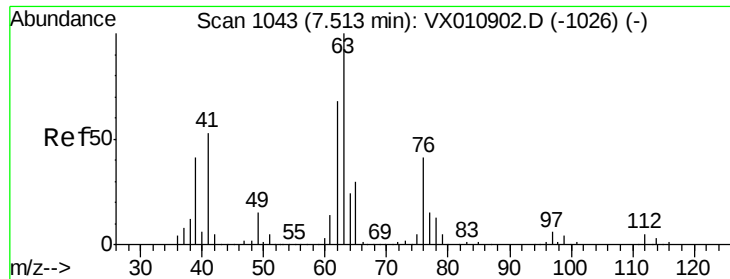
130 100

95 94.6 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.549 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

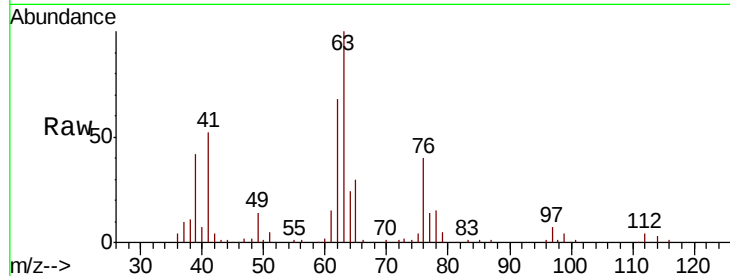
VX0722MBS01

Tot Ion: 63 Resp: 42426

Ion Ratio Lower Upper

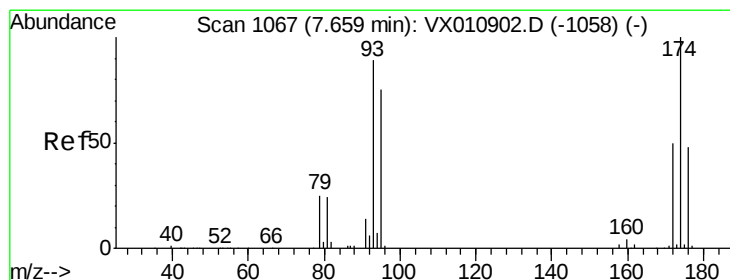
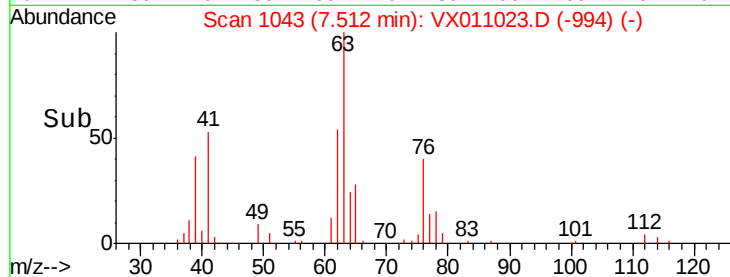
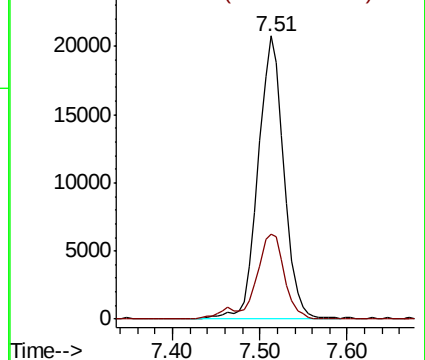
63 100

65 30.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.172 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

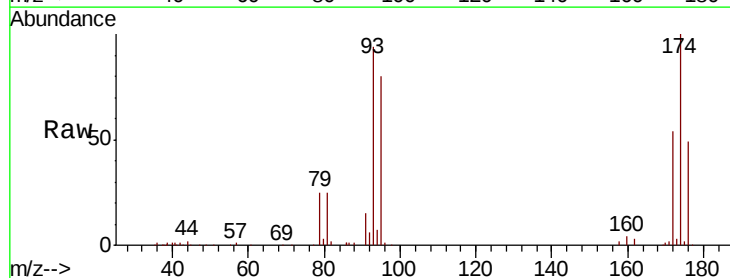
Tgt Ion: 93 Resp: 31236

Ion Ratio Lower Upper

93 100

95 85.1 67.2 100.8

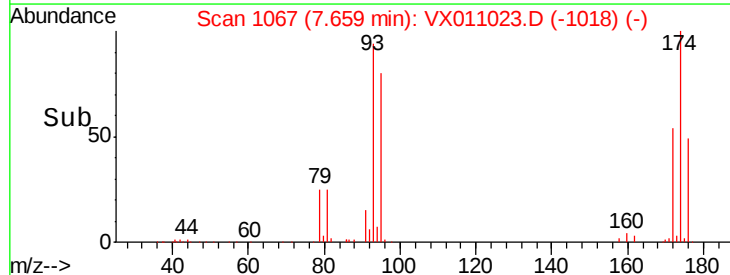
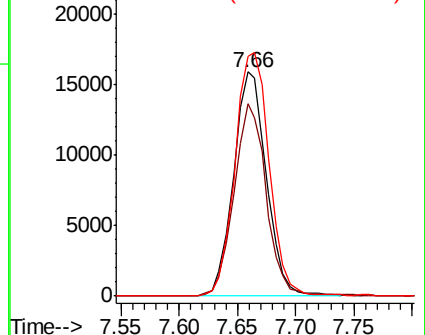
174 113.7 90.6 135.8

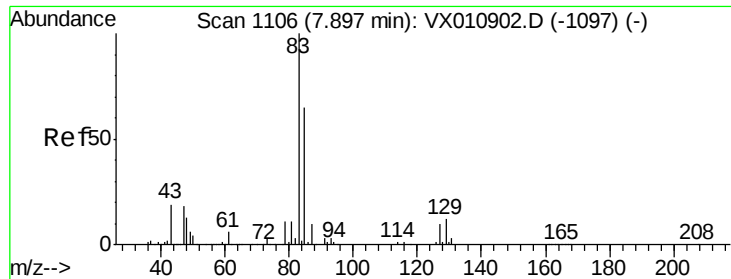


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

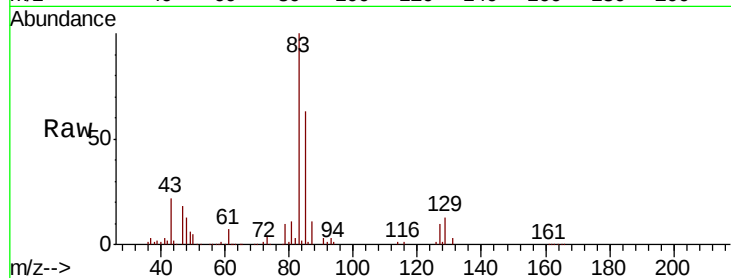




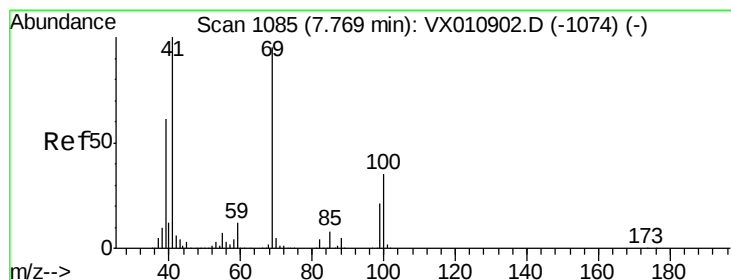
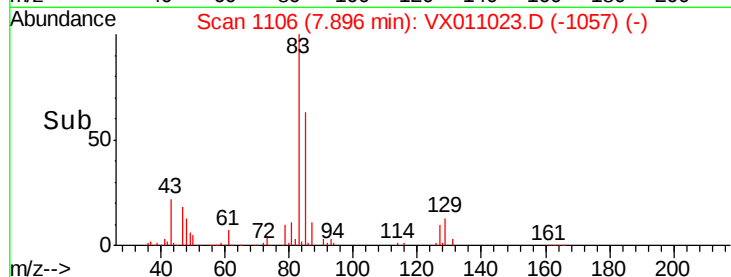
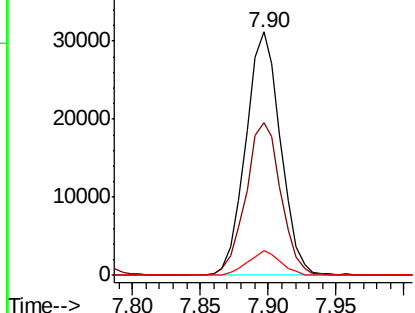
#47
Bromodichloromethane
Concen: 21.296 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0722MBS01

Tot Ion: 83 Resp: 55927
Ion Ratio Lower Upper
83 100
85 62.8 52.5 78.7
127 10.1 7.8 11.8

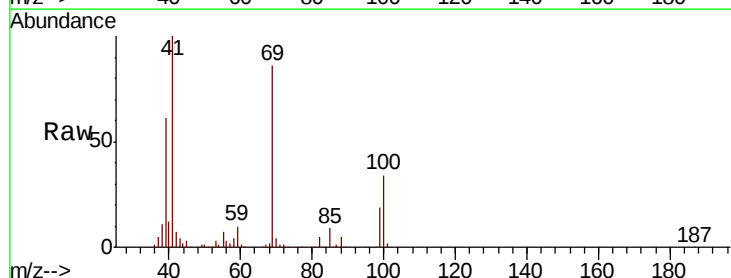


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

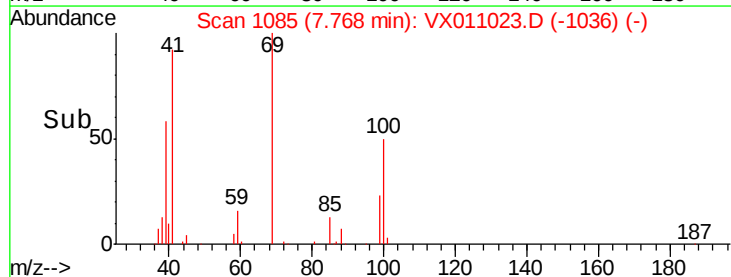
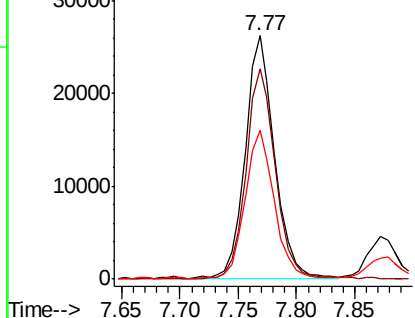


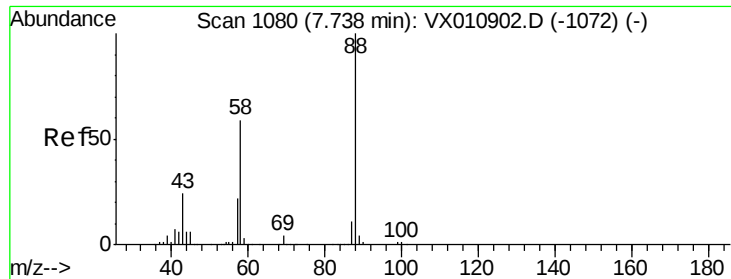
#48
Methyl methacrylate
Concen: 20.928 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion: 41 Resp: 45457
Ion Ratio Lower Upper
41 100
69 88.1 74.4 111.6
39 60.5 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 406.408 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

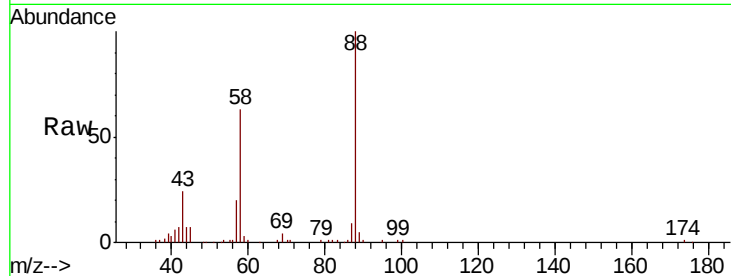
Tot Ion: 88 Resp: 24693

Ion Ratio Lower Upper

88 100

43 29.2 22.9 34.3

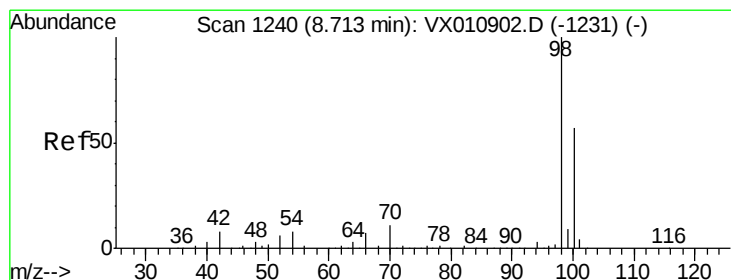
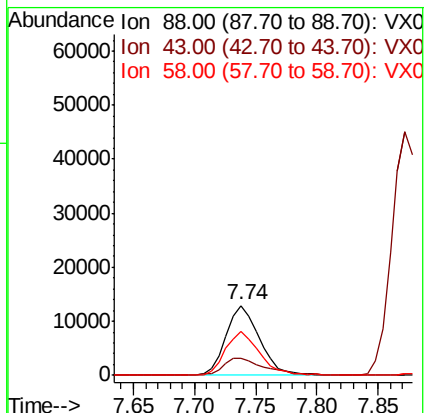
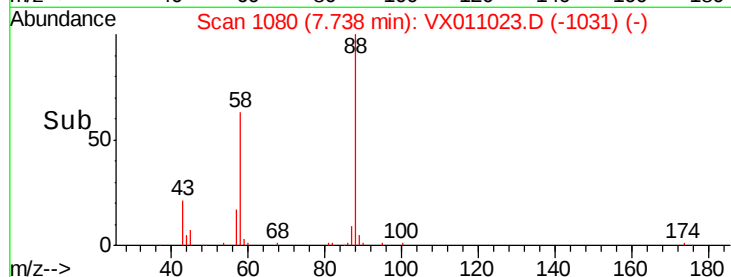
58 64.1 49.8 74.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.309 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011023.D

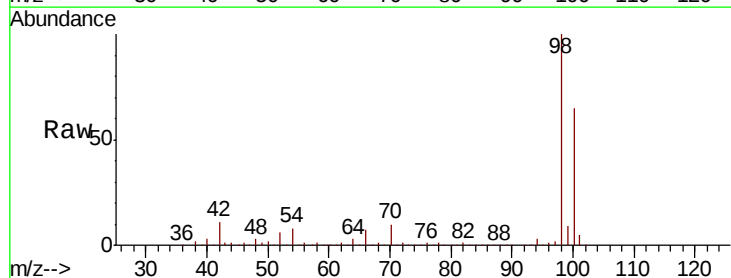
Acq: 22 Jul 2019 12:19

Tgt Ion: 98 Resp: 378446

Ion Ratio Lower Upper

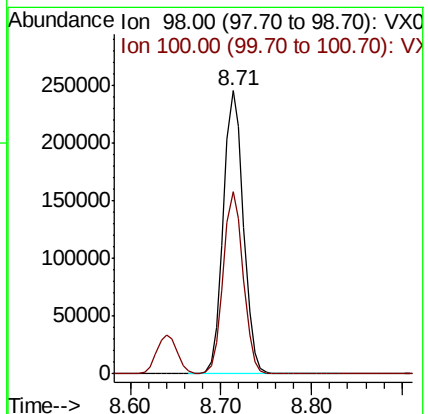
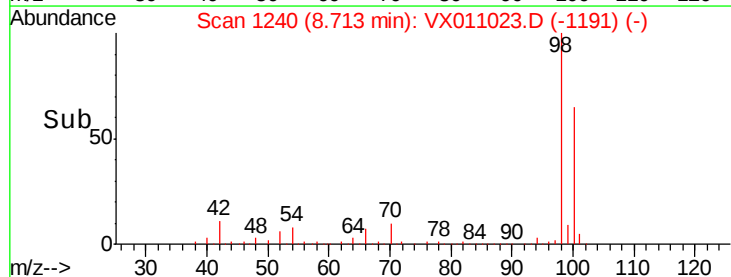
98 100

100 64.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 106.343 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

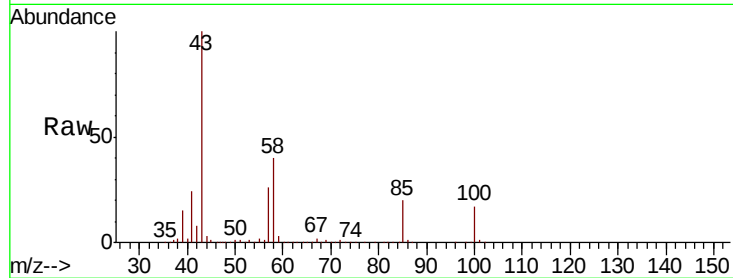
VX0722MBS01

Tot Ion: 43 Resp: 307370

Ion Ratio Lower Upper

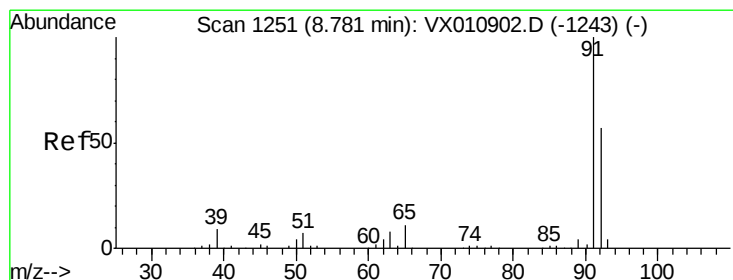
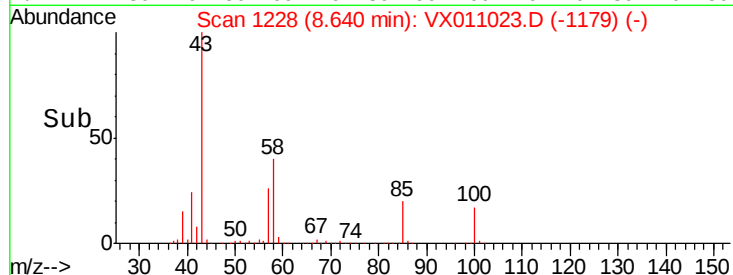
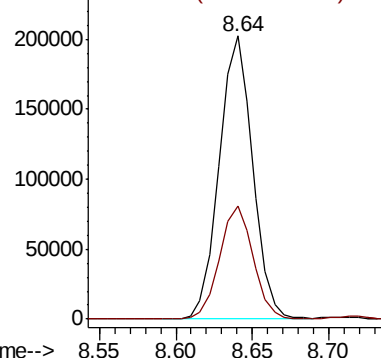
43 100

58 40.1 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.377 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011023.D

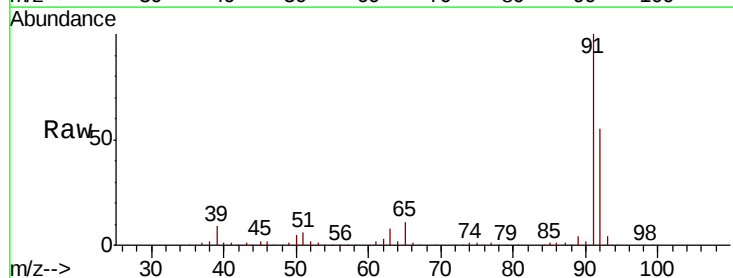
Acq: 22 Jul 2019 12:19

Tgt Ion: 92 Resp: 108590

Ion Ratio Lower Upper

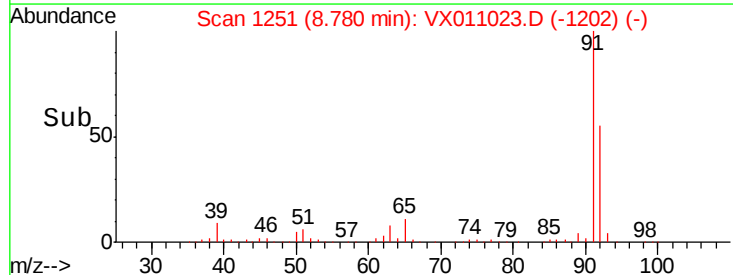
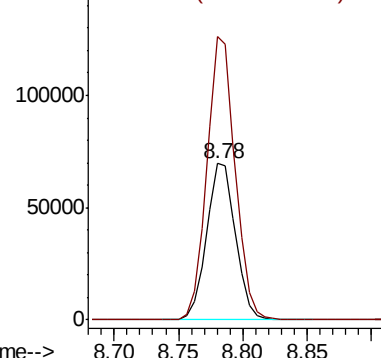
92 100

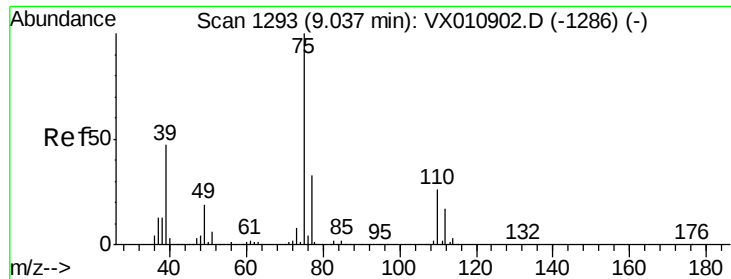
91 177.3 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

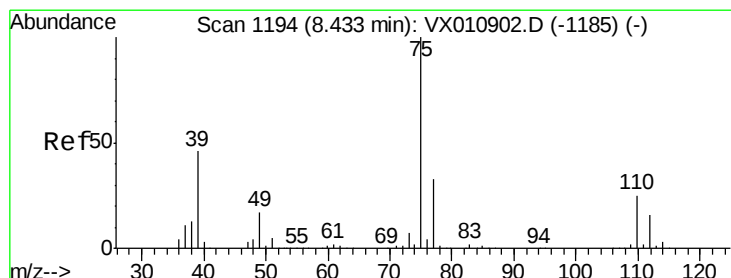
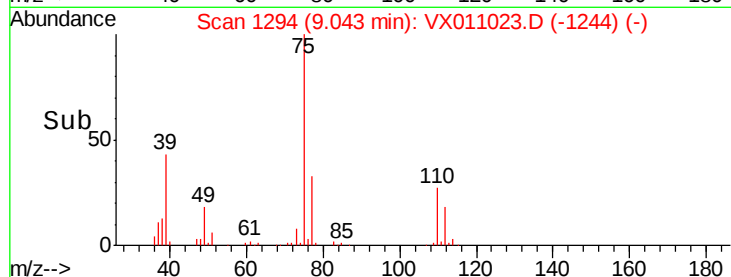
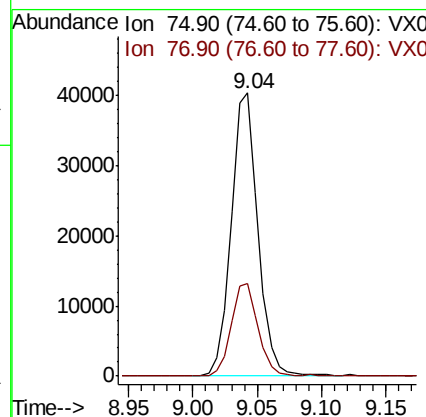
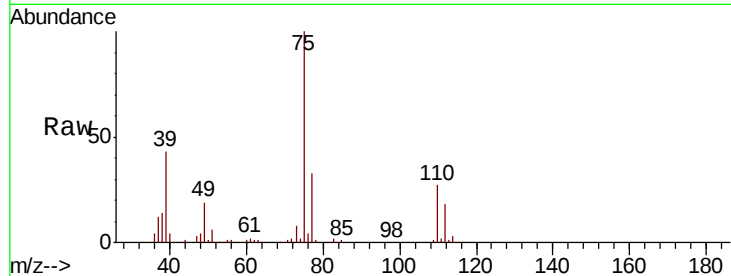




#53
 t-1,3-Dichloropropene
 Concen: 20.789 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

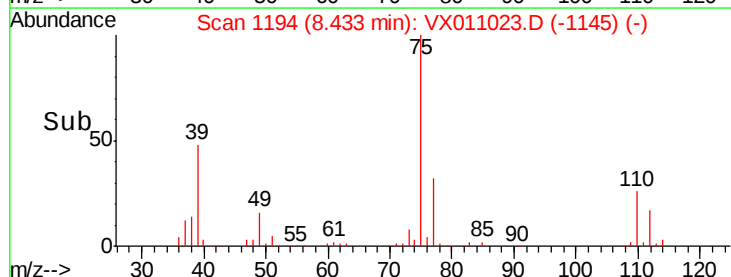
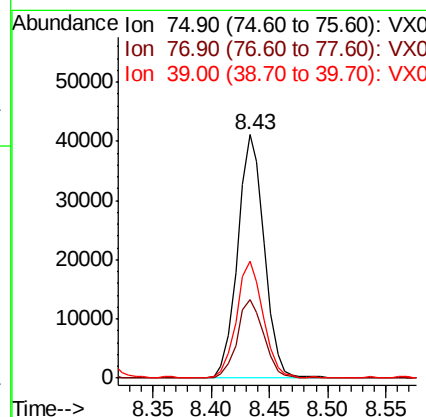
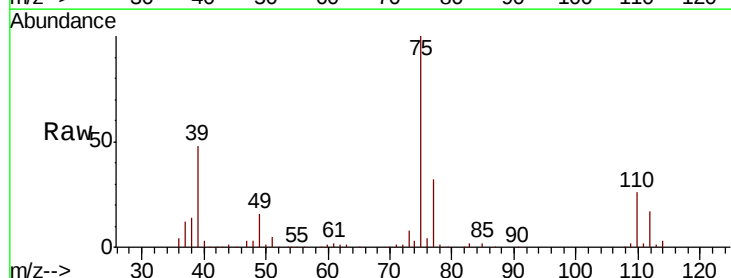
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

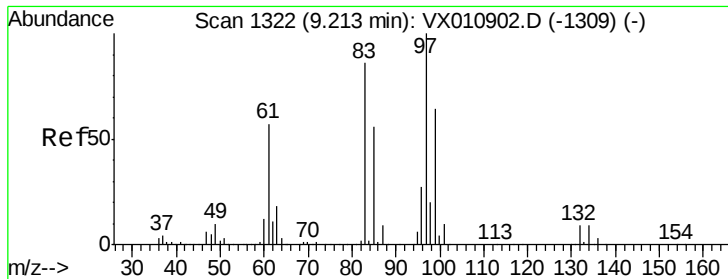
Tot Ion: 75 Resp: 58704
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.729 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Tgt Ion: 75 Resp: 65135
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 39 47.6 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 21.012 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

Tot Ion: 97 Resp: 46104

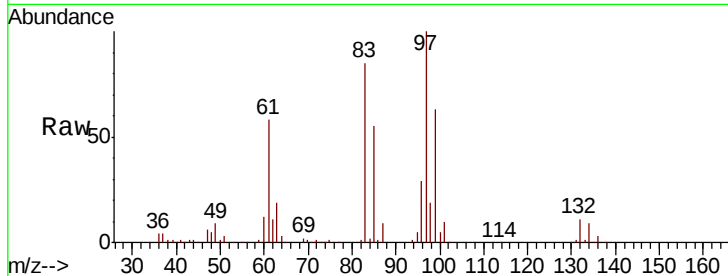
Ion Ratio Lower Upper

97 100

83 85.4 69.2 103.8

85 55.5 44.6 66.8

99 63.0 51.2 76.8



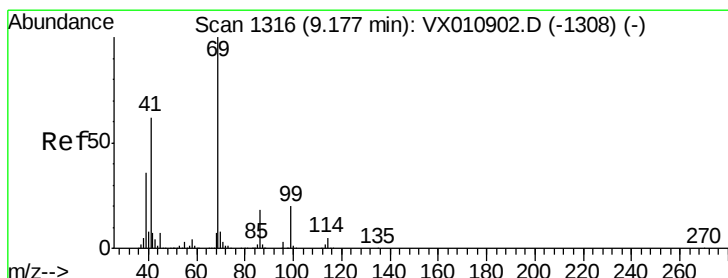
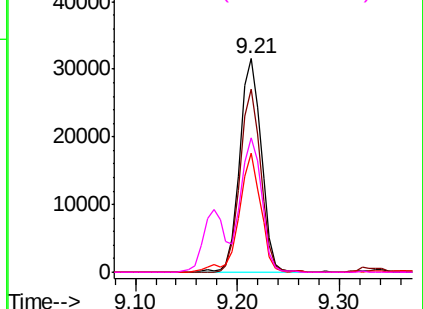
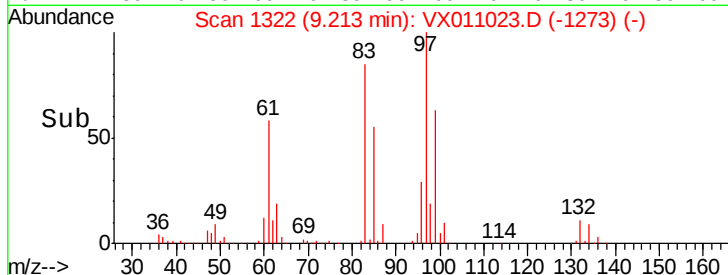
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.422 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

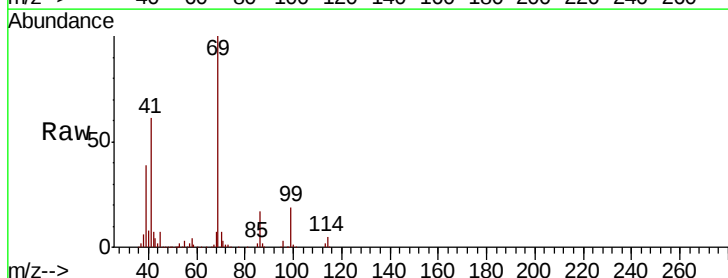
Tgt Ion: 69 Resp: 68757

Ion Ratio Lower Upper

69 100

41 61.3 49.7 74.5

39 37.8 29.6 44.4

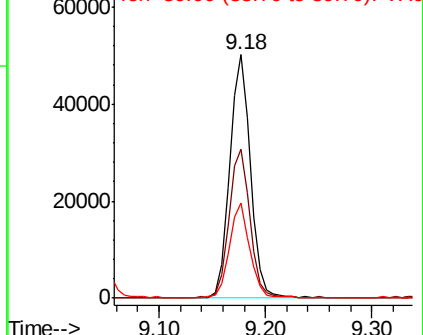
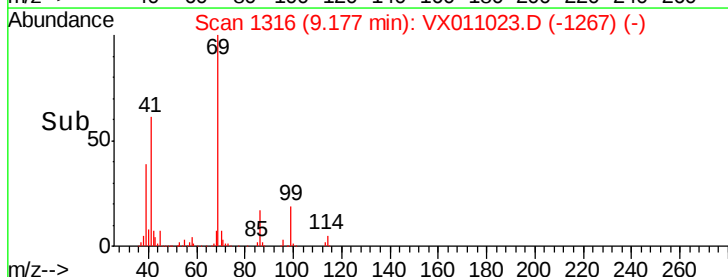


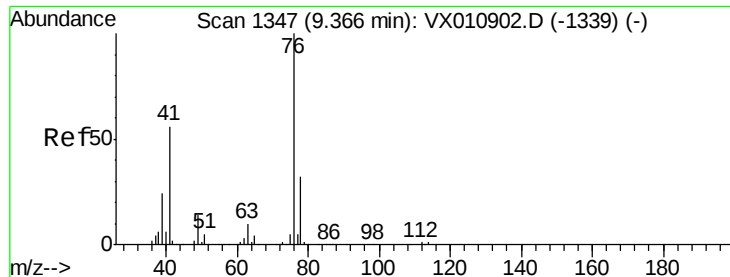
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.991 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

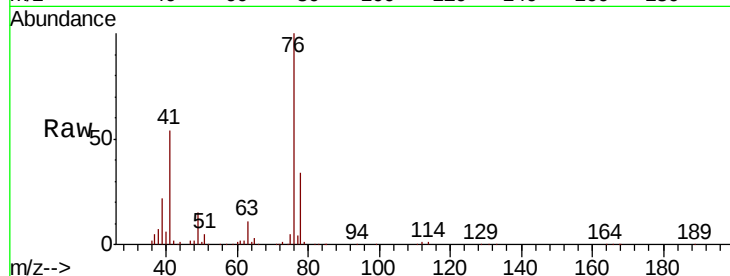
VX0722MBS01

Tot Ion: 76 Resp: 73064

Ion Ratio Lower Upper

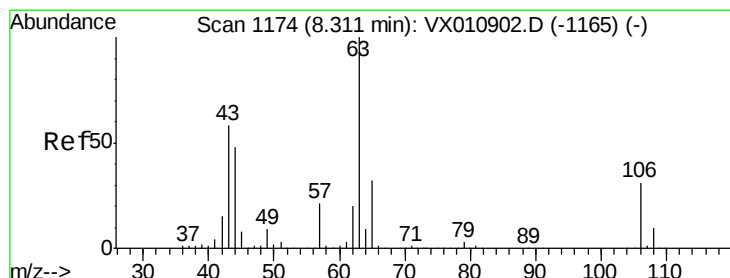
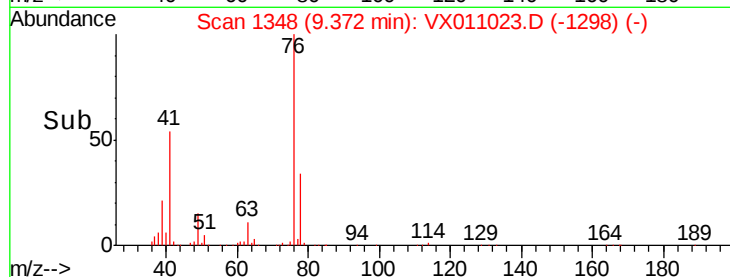
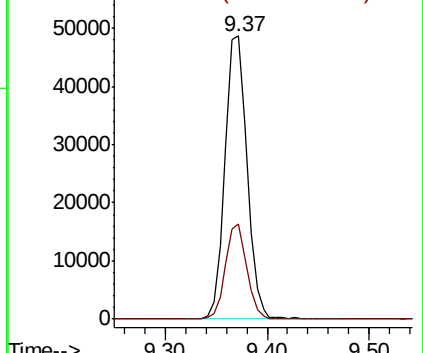
76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 110.677 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011023.D

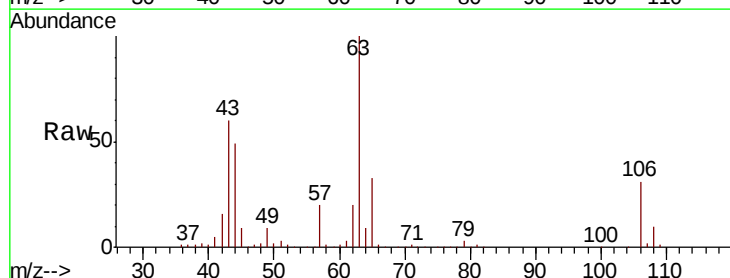
Acq: 22 Jul 2019 12:19

Tgt Ion: 63 Resp: 169571

Ion Ratio Lower Upper

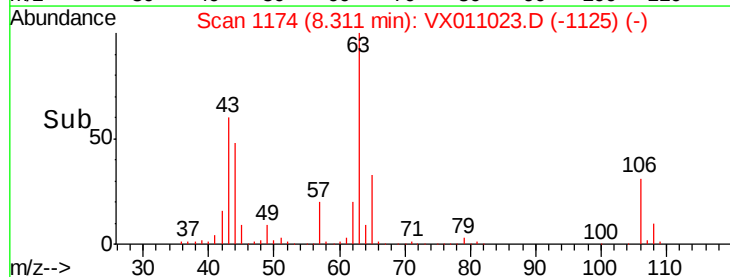
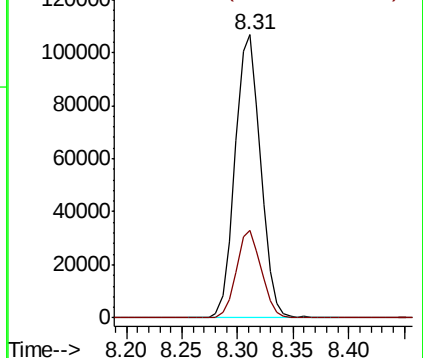
63 100

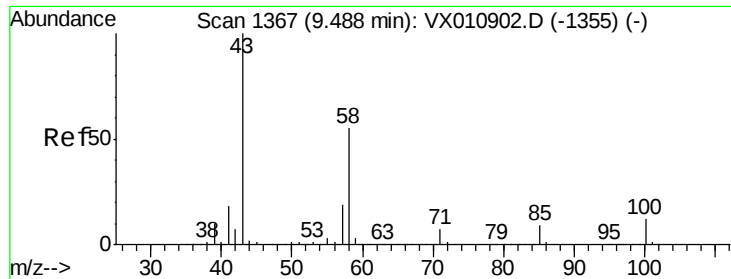
106 30.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

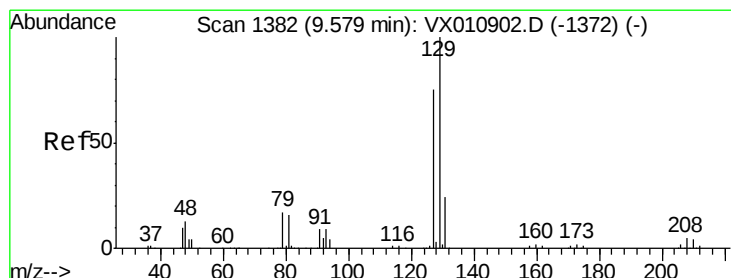
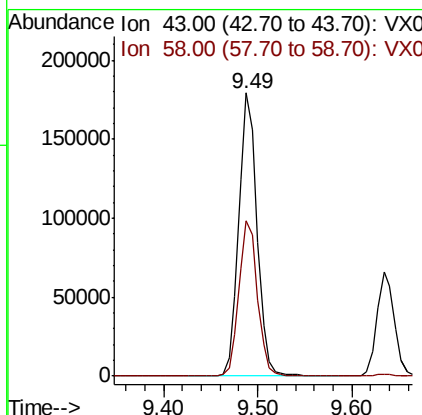
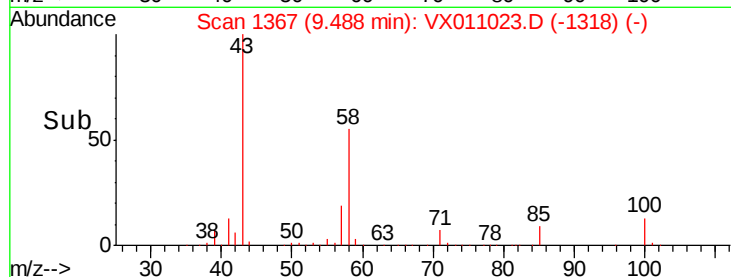
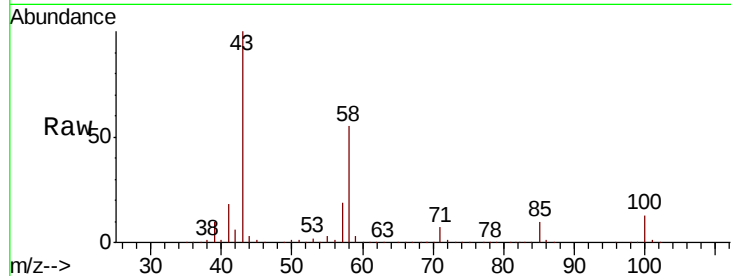




#59
 2-Hexanone
 Concen: 107.590 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

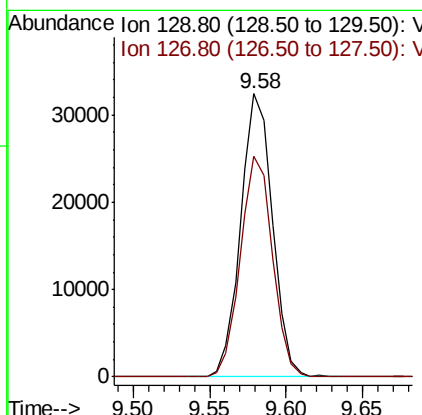
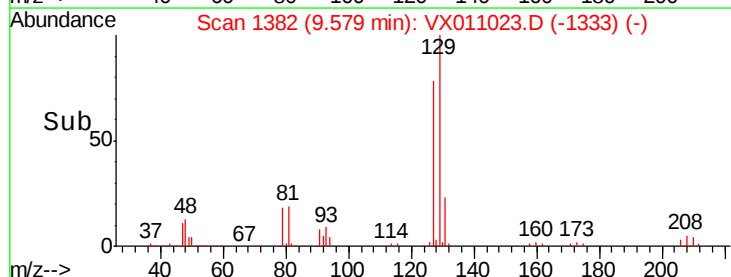
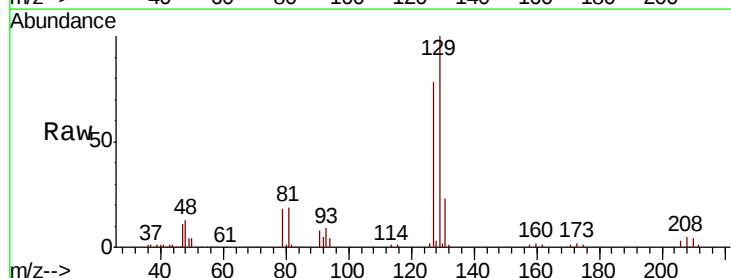
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

Tot Ion: 43 Resp: 241197
 Ion Ratio Lower Upper
 43 100
 58 55.7 28.0 83.9



#60
 Dibromochloromethane
 Concen: 20.121 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Tgt Ion:129 Resp: 46794
 Ion Ratio Lower Upper
 129 100
 127 78.8 38.6 115.8

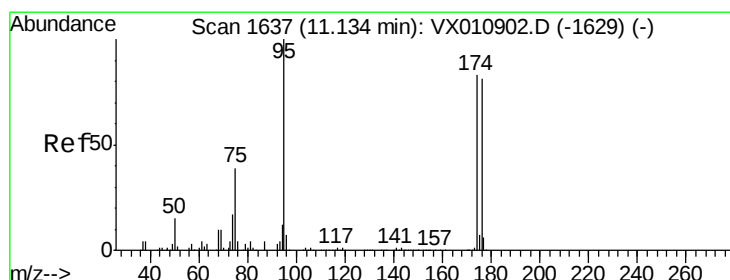
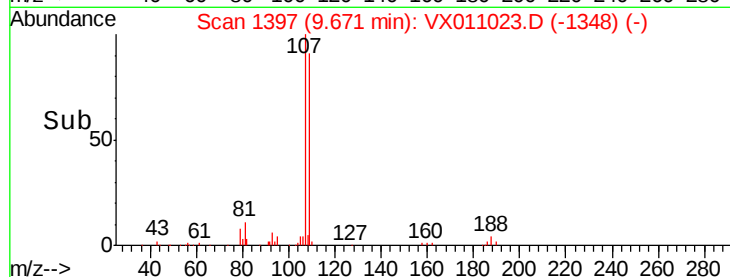
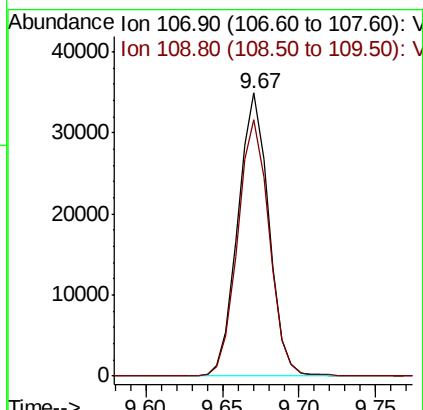
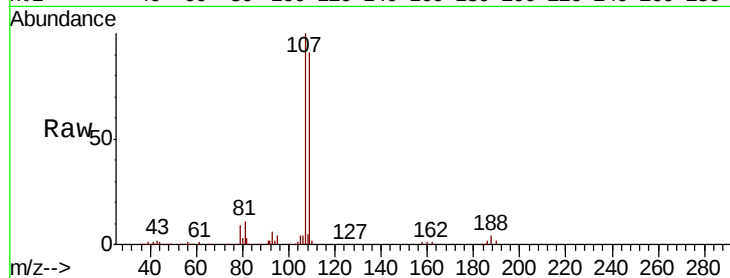




#61
 1,2-Dibromoethane
 Concen: 21.021 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

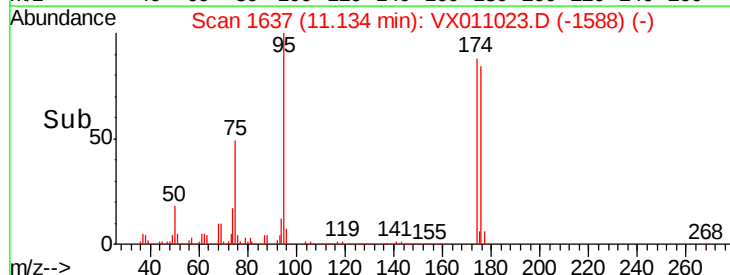
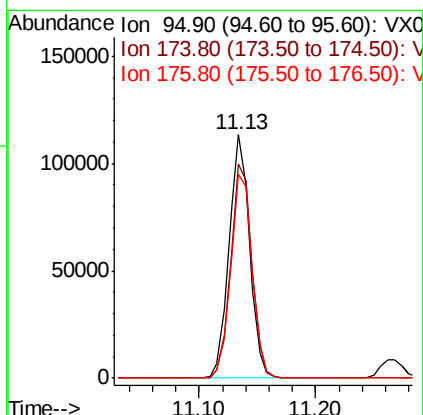
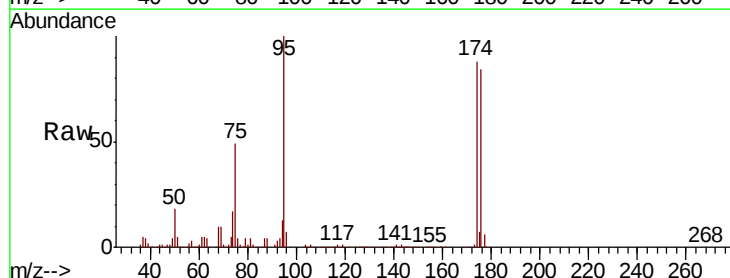
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

Tot Ion:107 Resp: 48950
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 49.202 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Tgt Ion: 95 Resp: 138803
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 180.6
 176 87.3 0.0 173.8

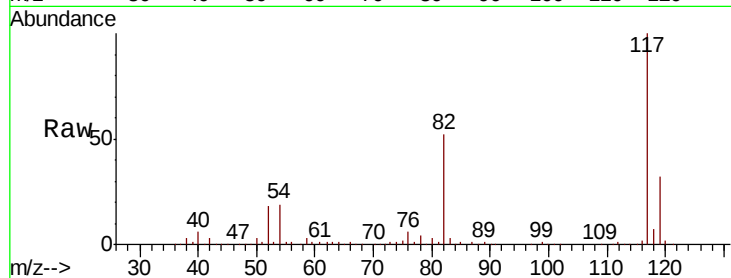




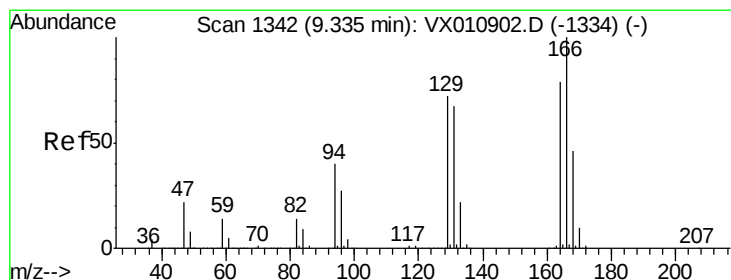
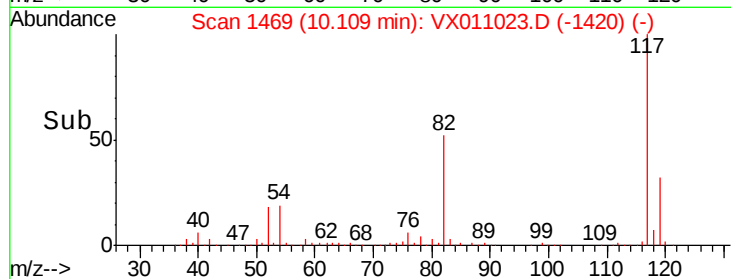
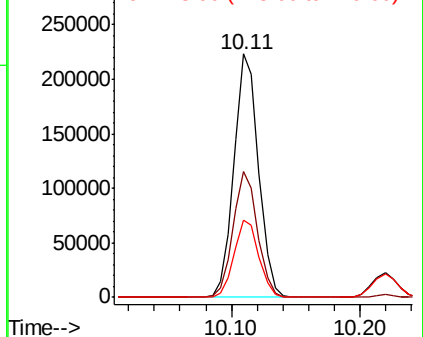
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0722MBS01

Tot Ion:117 Resp: 297687
Ion Ratio Lower Upper
117 100
82 51.8 42.6 63.8
119 31.7 25.9 38.9

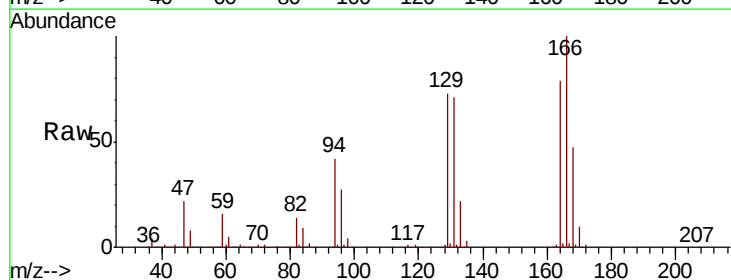


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

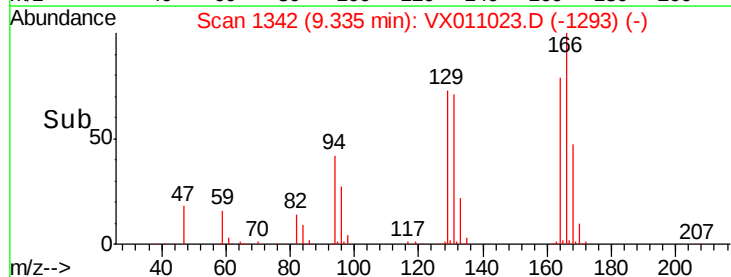
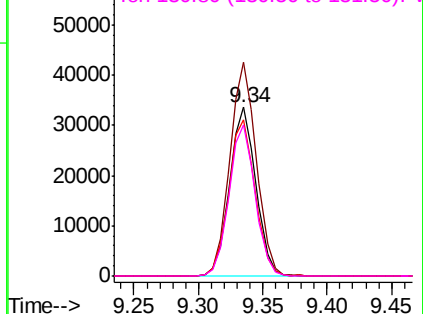


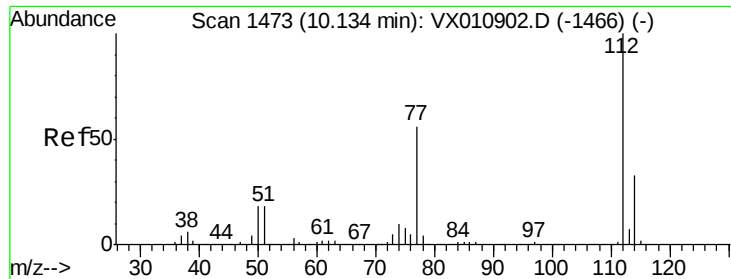
#64
Tetrachloroethene
Concen: 20.515 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion:164 Resp: 48044
Ion Ratio Lower Upper
164 100
166 126.5 100.8 151.2
129 92.5 72.6 109.0
131 89.2 67.7 101.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

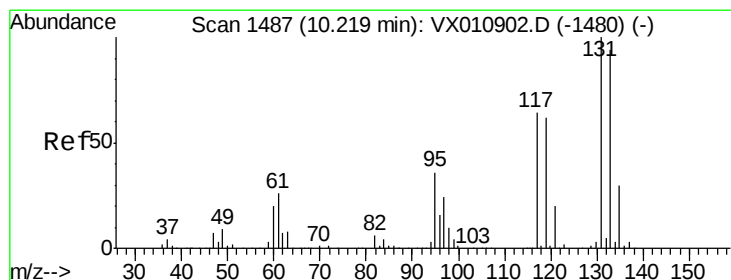
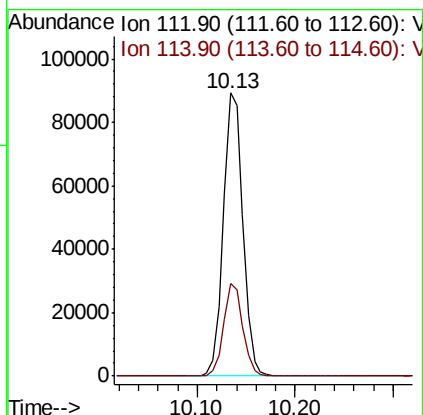
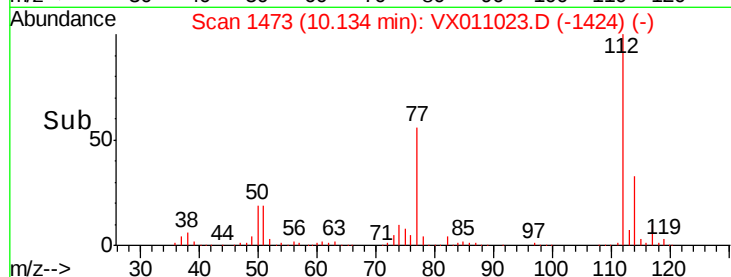
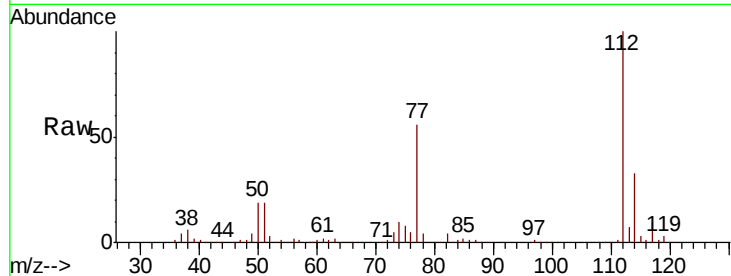




#65
Chlorobenzene
Concen: 20.220 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

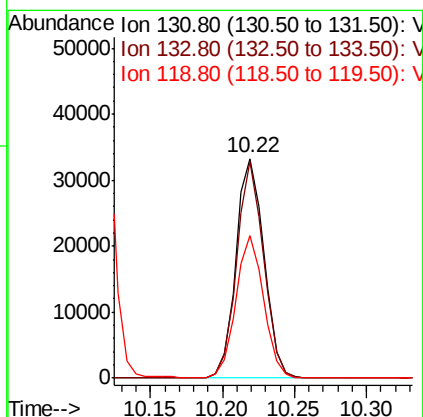
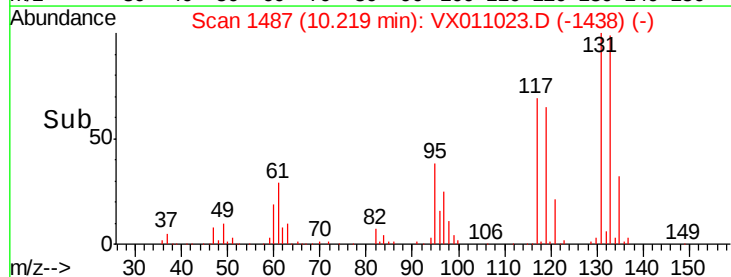
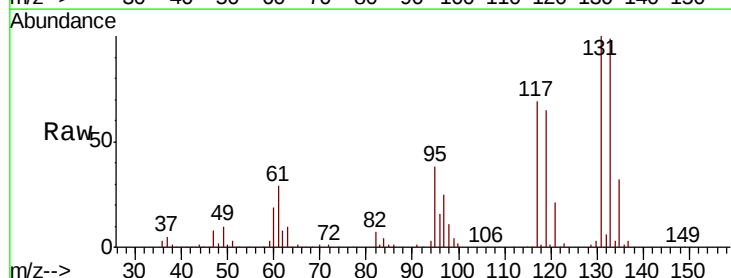
Instrument :
MSVOA_X
ClientSampleId :
VX0722MBS01

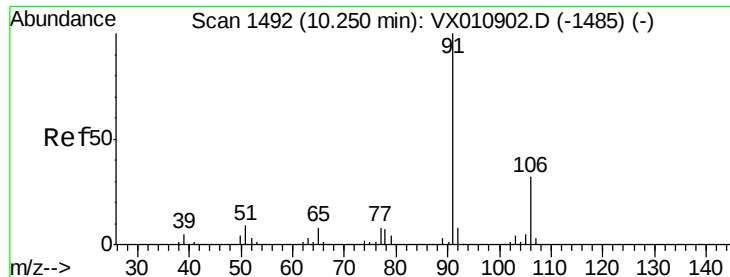
Tot Ion:112 Resp: 123628
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.927 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion:131 Resp: 44970
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.4
119 64.7 31.9 95.7

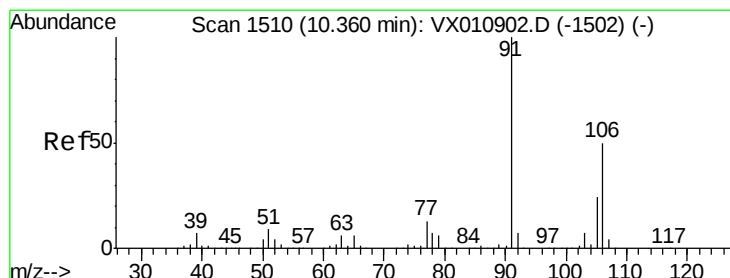
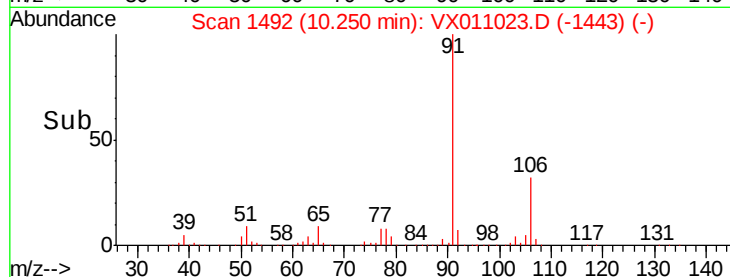
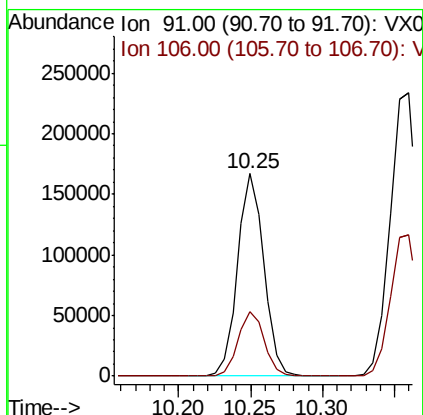
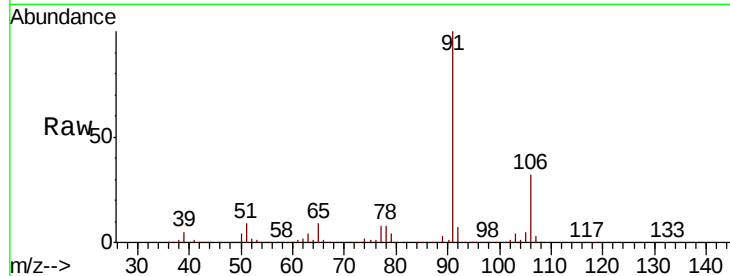




#67
Ethyl Benzene
Concen: 20.412 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

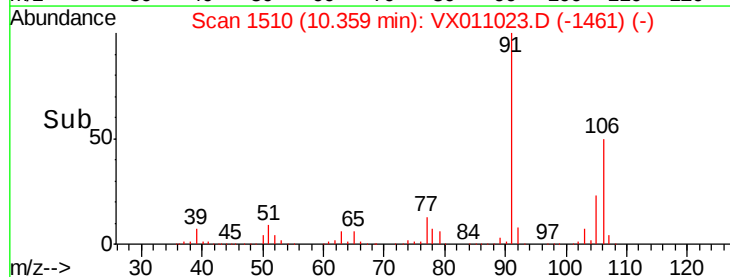
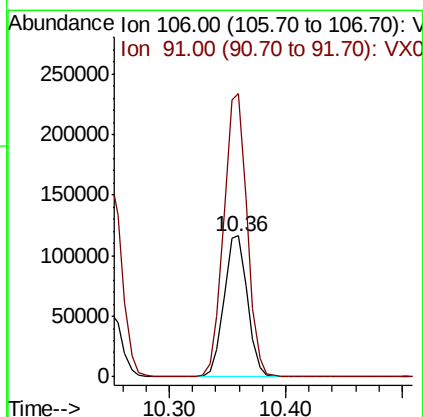
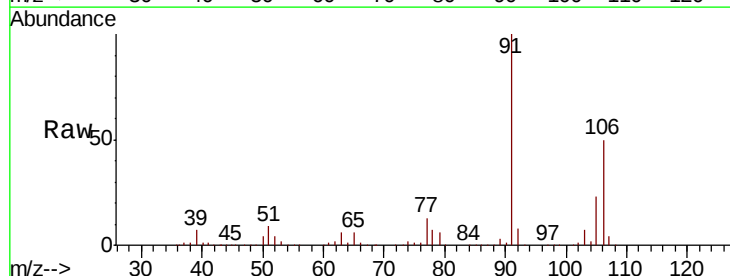
Instrument :
MSVOA_X
ClientSampled :
VX0722MBS01

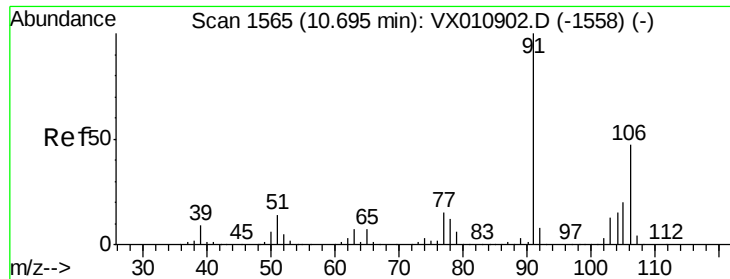
Tot Ion: 91 Resp: 212432
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 40.640 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion: 106 Resp: 162240
Ion Ratio Lower Upper
106 100
91 199.3 160.1 240.1

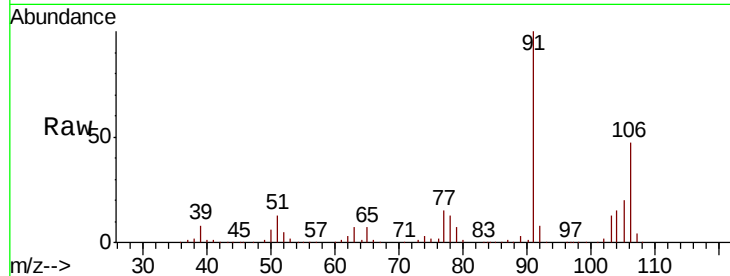




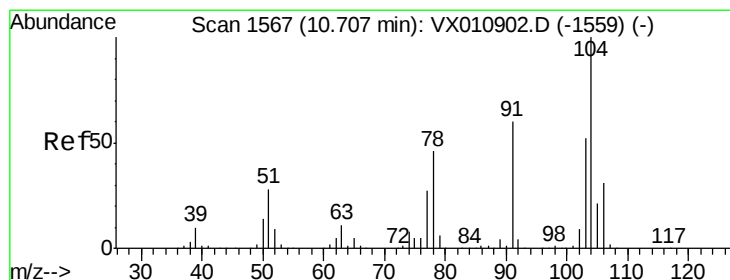
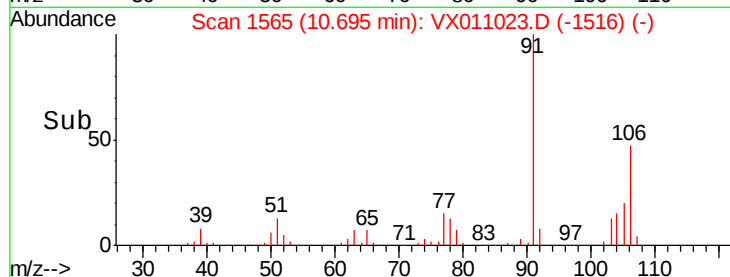
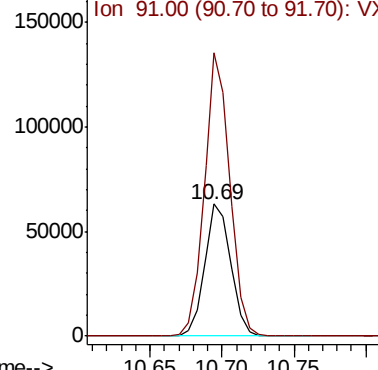
#69
o-Xylene
Concen: 20.668 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0722MBS01

Tot Ion:106 Resp: 80523
Ion Ratio Lower Upper
106 100
91 207.7 105.1 315.3

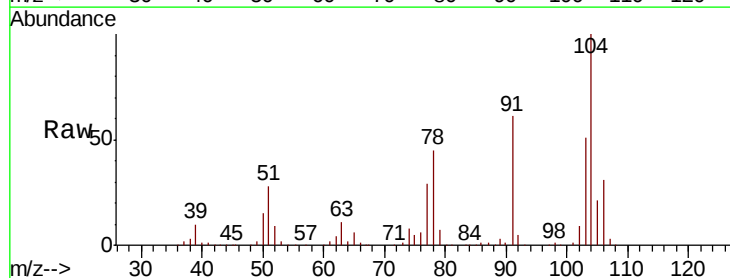


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

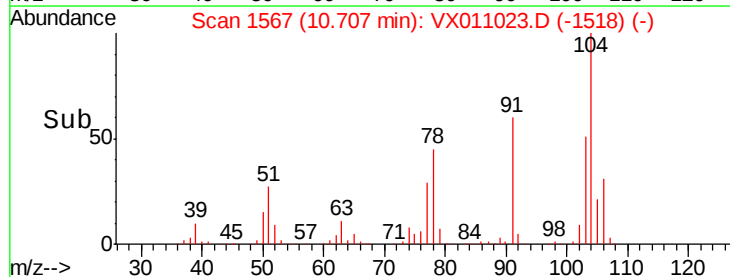
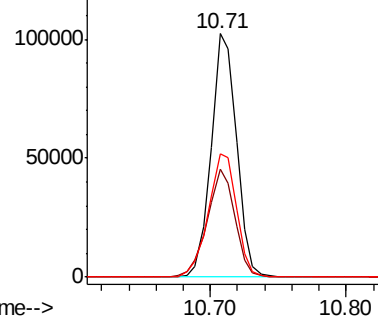


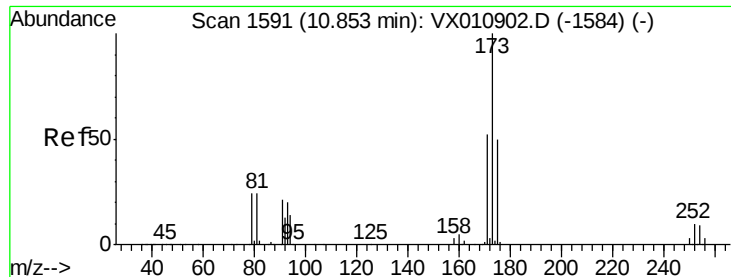
#70
Styrene
Concen: 20.541 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion:104 Resp: 133409
Ion Ratio Lower Upper
104 100
78 48.4 38.8 58.2
103 56.1 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.105 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

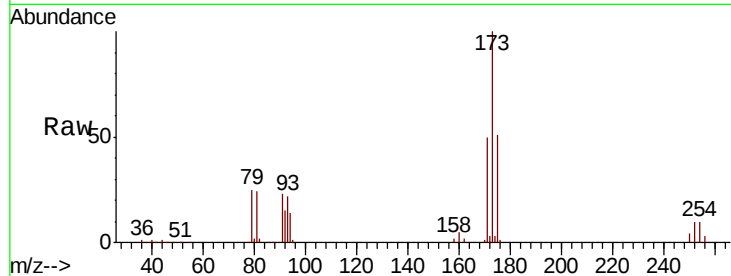
Tot Ion:173 Resp: 34133

Ion Ratio Lower Upper

173 100

175 50.1 24.6 73.6

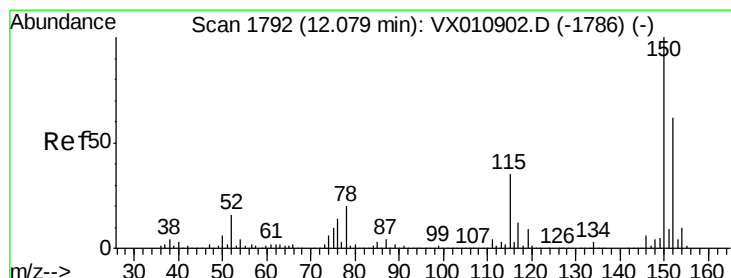
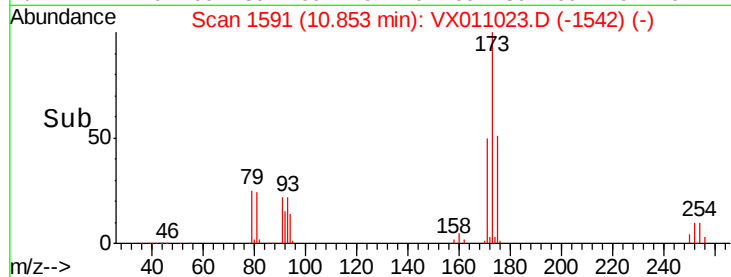
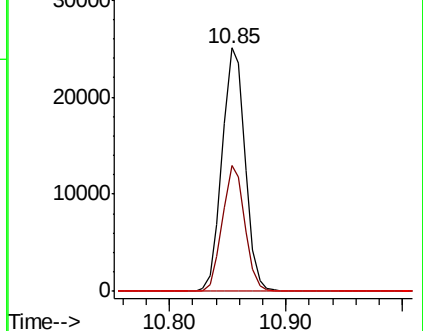
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

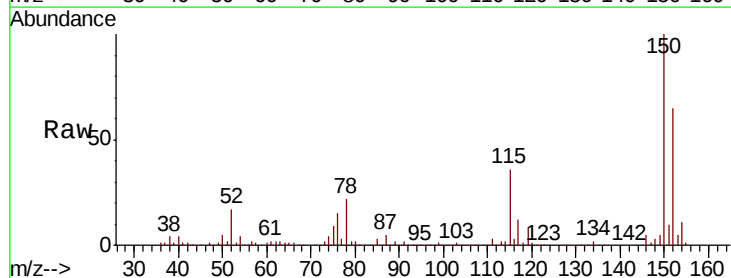
Tgt Ion:152 Resp: 150830

Ion Ratio Lower Upper

152 100

115 66.3 39.7 119.1

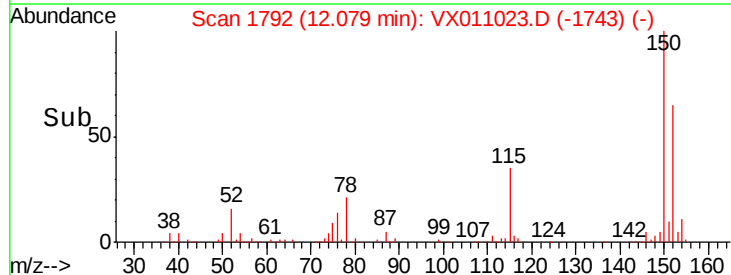
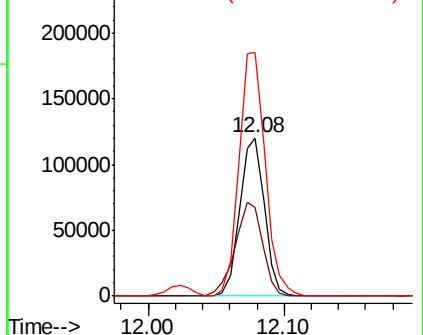
150 164.6 0.0 345.6

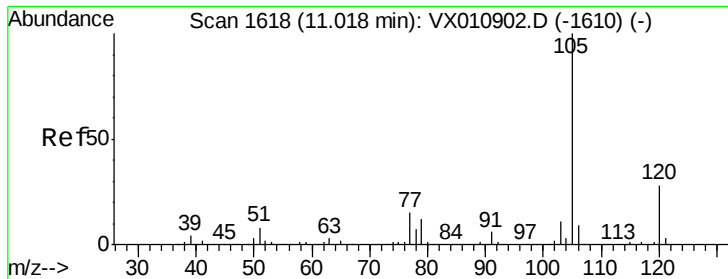


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.860 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

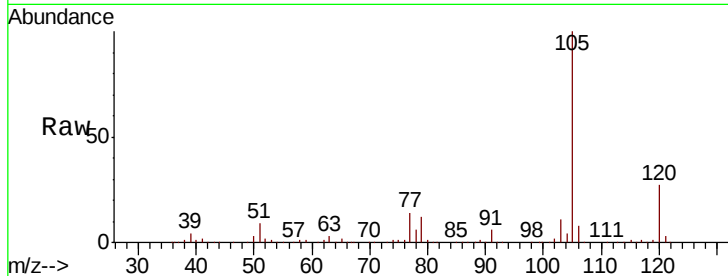
VX0722MBS01

Tot Ion:105 Resp: 212598

Ion Ratio Lower Upper

105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

150000

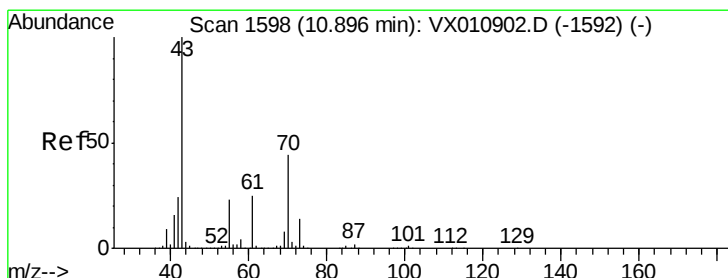
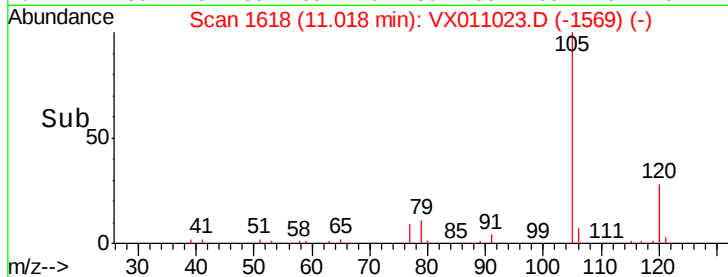
100000

50000

0

Time-->

10.95 11.00 11.05 11.10



#74

N-ethyl acetate

Concen: 20.941 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Tgt Ion: 43 Resp: 81548

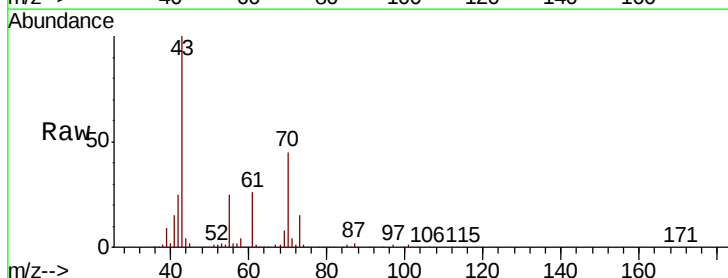
Ion Ratio Lower Upper

43 100

70 44.2 34.7 52.1

55 25.0 19.1 28.7

61 25.6 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

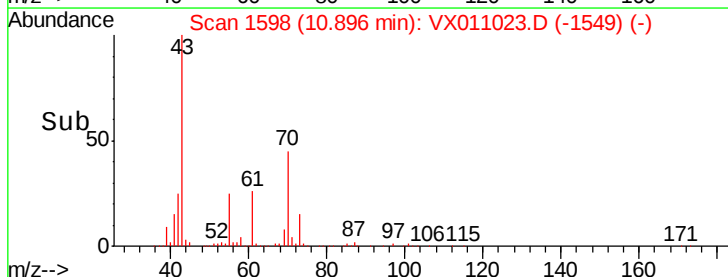
40000

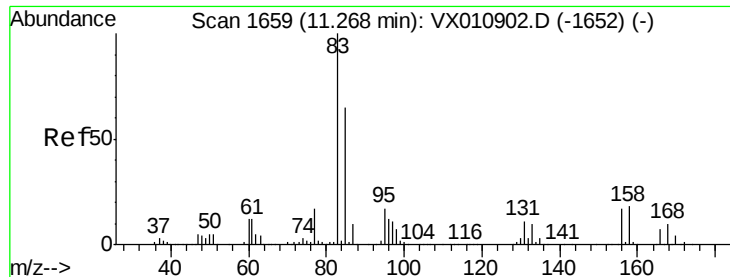
20000

0

Time-->

10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 21.392 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

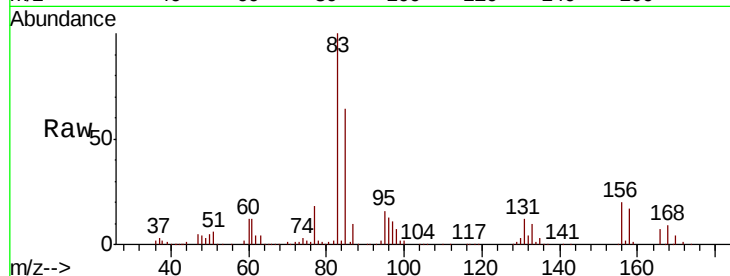
Tot Ion: 83 Resp: 71347

Ion Ratio Lower Upper

83 100

131 11.5 5.5 16.4

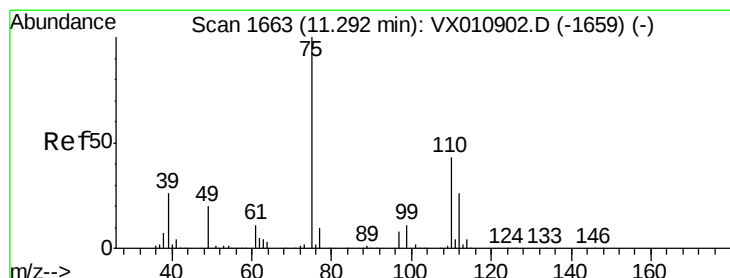
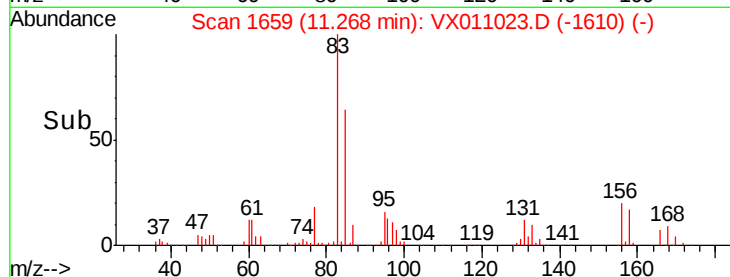
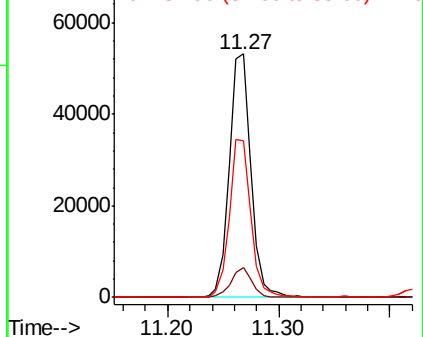
85 64.0 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.743 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011023.D

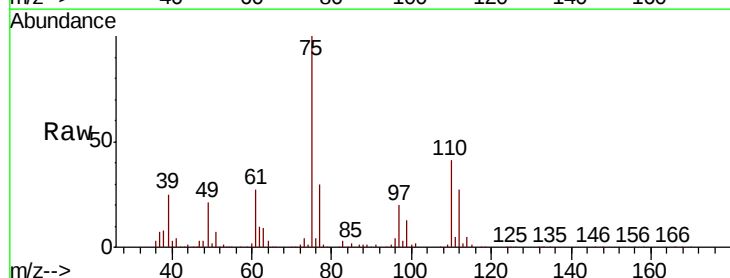
Acq: 22 Jul 2019 12:19

Tgt Ion: 75 Resp: 75511

Ion Ratio Lower Upper

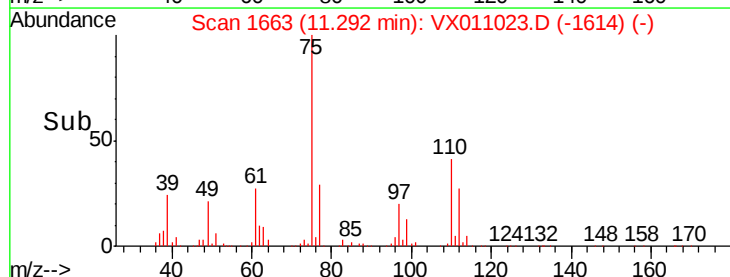
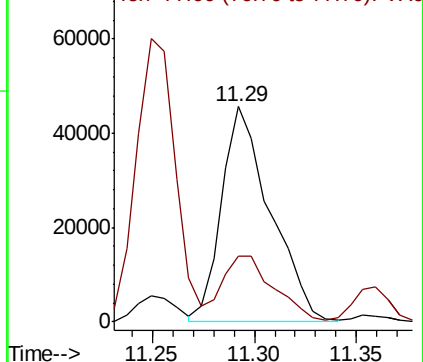
75 100

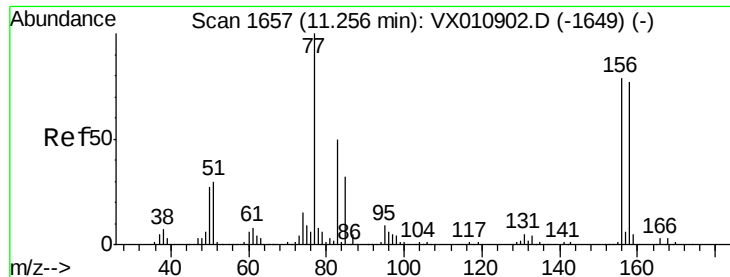
77 32.6 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.876 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

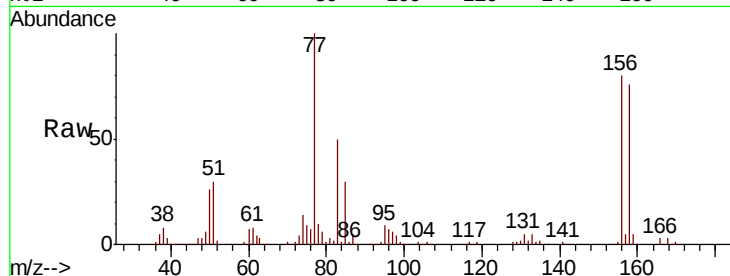
Tot Ion:156 Resp: 58686

Ion Ratio Lower Upper

156 100

77 136.8 68.7 206.1

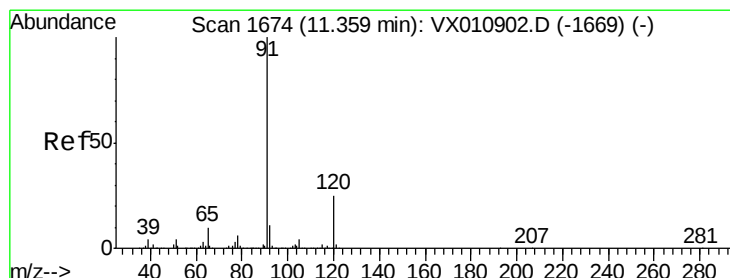
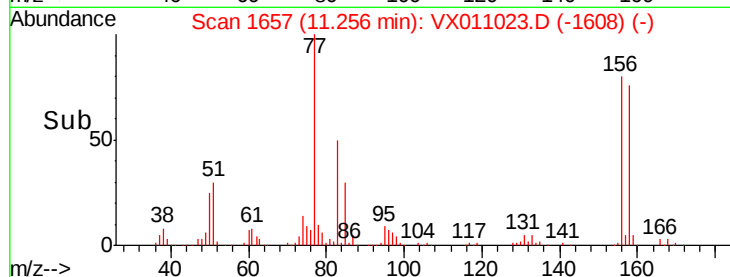
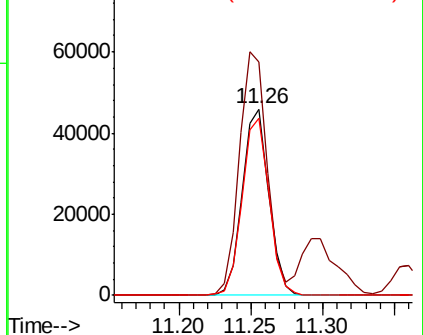
158 96.2 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.066 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011023.D

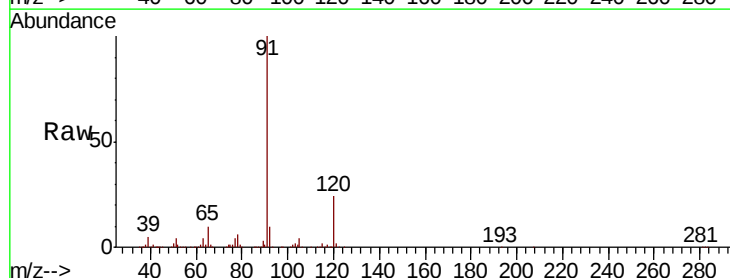
Acq: 22 Jul 2019 12:19

Tgt Ion: 91 Resp: 237217

Ion Ratio Lower Upper

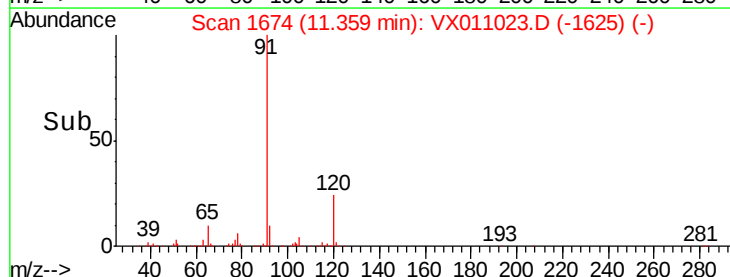
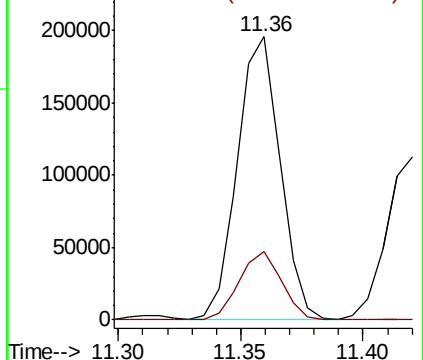
91 100

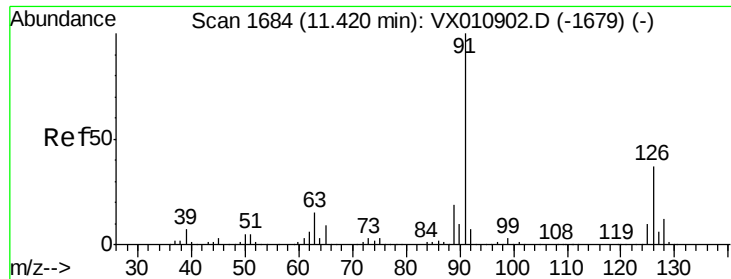
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

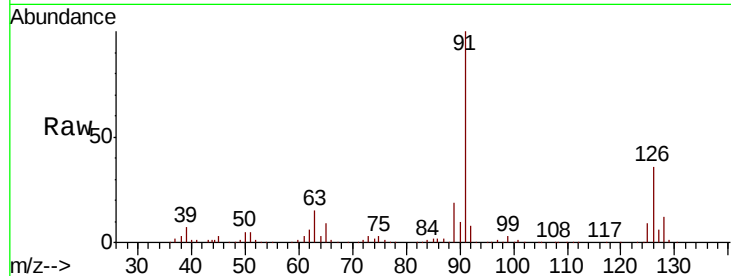




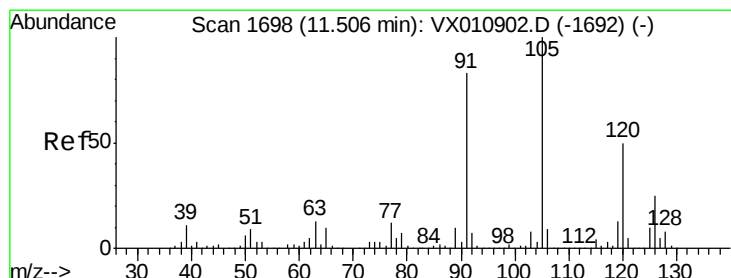
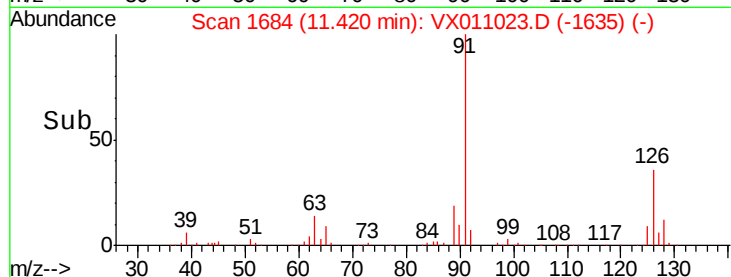
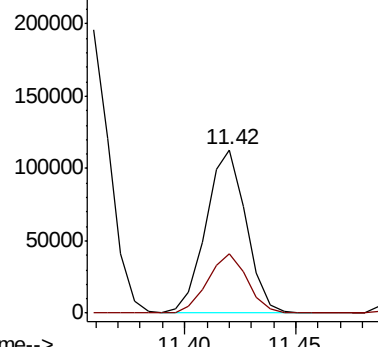
#79
 2-Chlorotoluene
 Concen: 20.802 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

Tot Ion: 91 Resp: 140715
 Ion Ratio Lower Upper
 91 100
 126 36.1 18.0 54.0

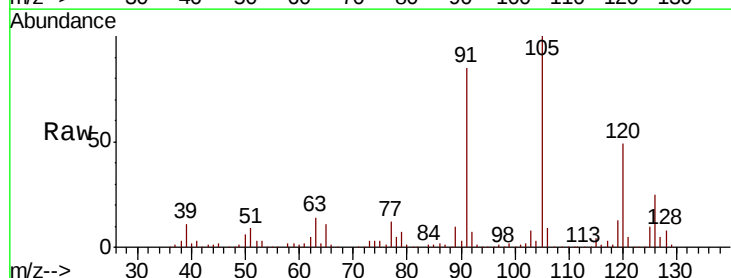


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

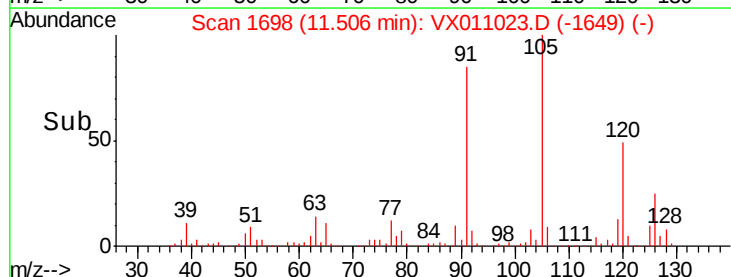
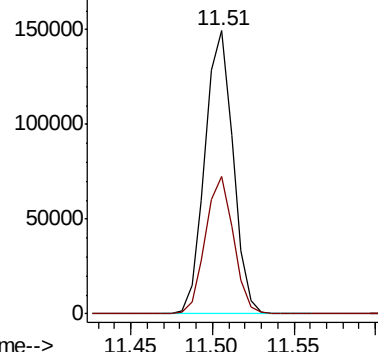


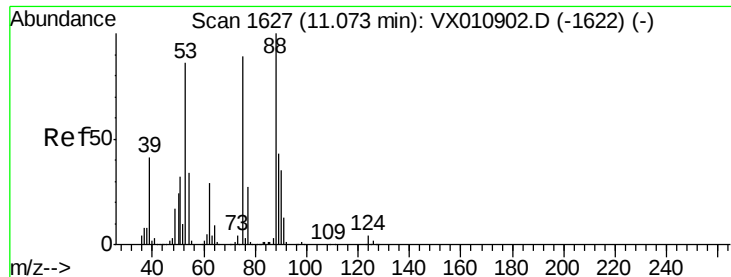
#80
 1,3,5-Trimethylbenzene
 Concen: 21.111 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Tgt Ion:105 Resp: 179783
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

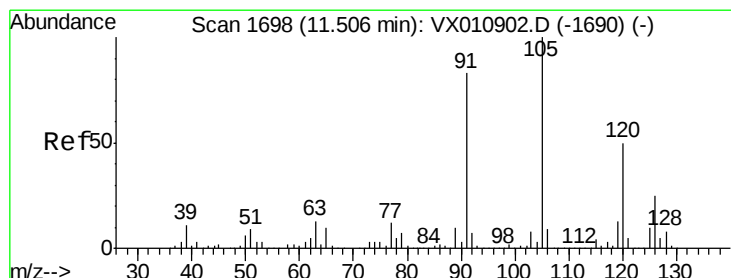
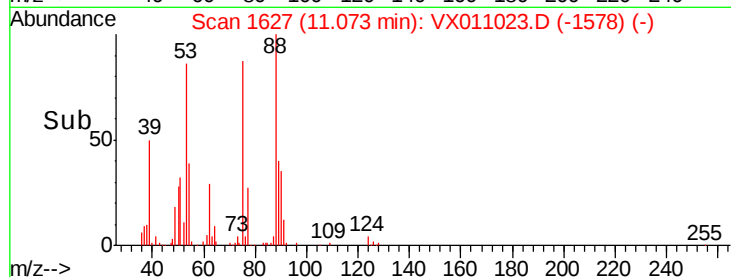
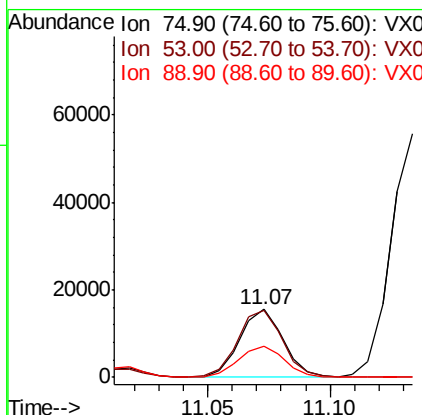
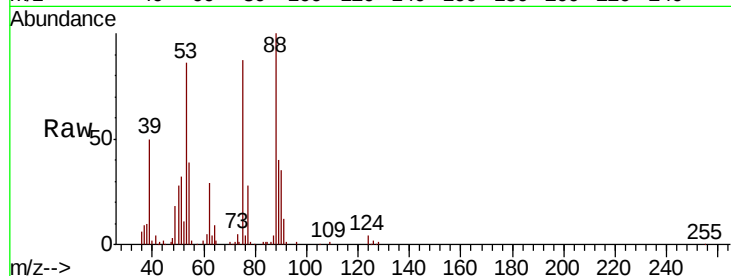




#81
trans-1,4-Dichloro-2-butene
Concen: 20.321 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

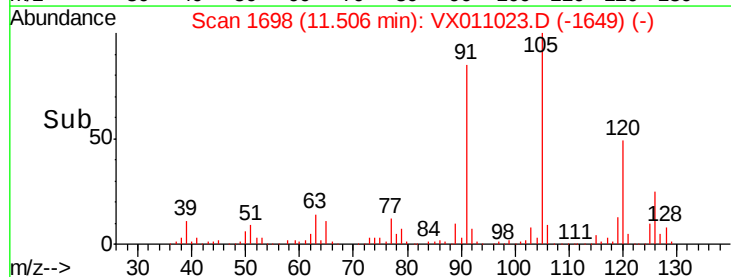
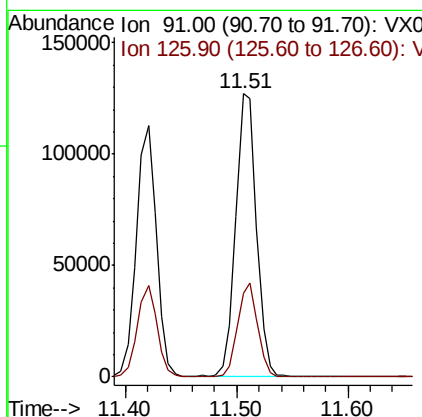
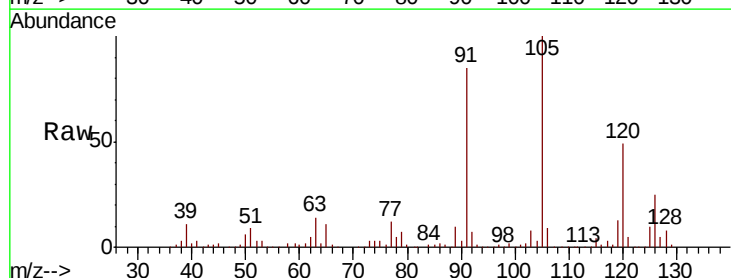
Instrument :
MSVOA_X
ClientSampleId :
VX0722MBS01

Tot Ion: 75 Resp: 19074
Ion Ratio Lower Upper
75 100
53 102.7 76.7 115.1
89 48.6 38.5 57.7



#82
4-Chlorotoluene
Concen: 20.879 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion: 91 Resp: 164391
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7





#83

tert-Butylbenzene

Concen: 21.266 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

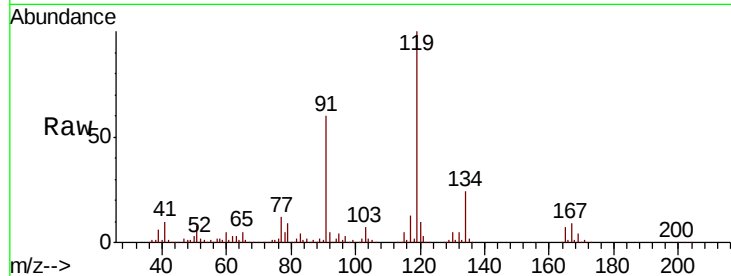
Tot Ion:119 Resp: 177891

Ion Ratio Lower Upper

119 100

91 58.0 28.6 85.8

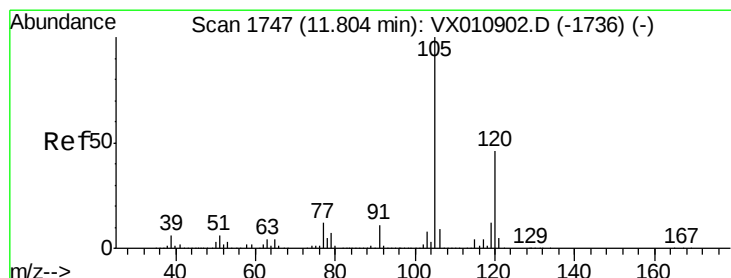
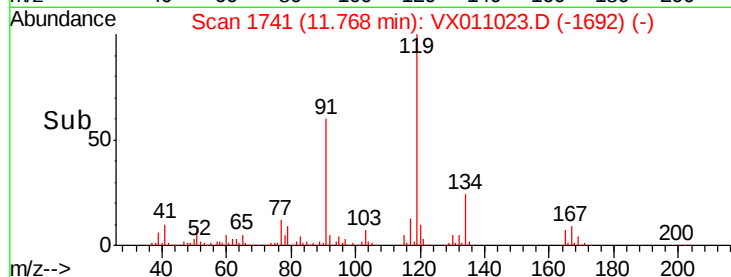
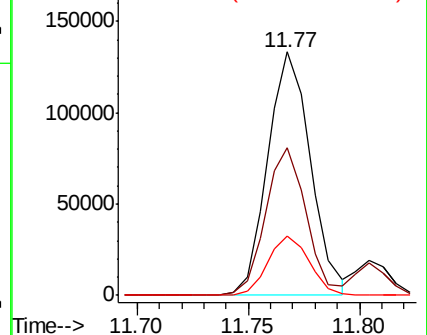
134 23.7 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.973 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011023.D

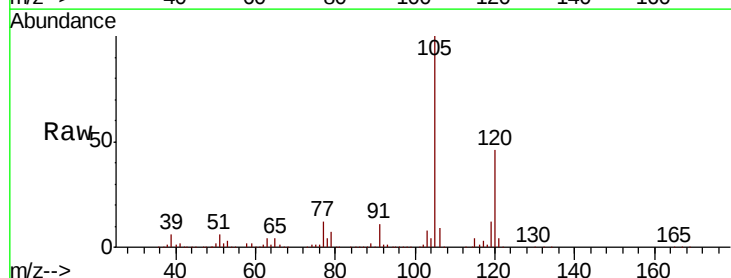
Acq: 22 Jul 2019 12:19

Tgt Ion:105 Resp: 180022

Ion Ratio Lower Upper

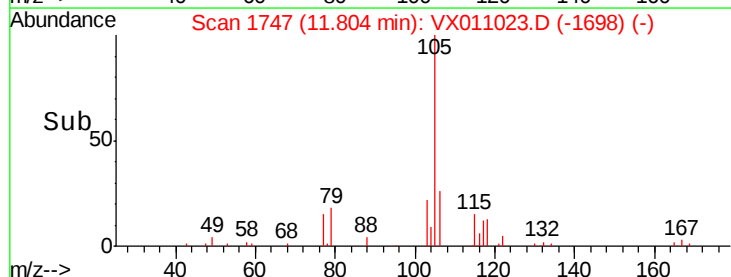
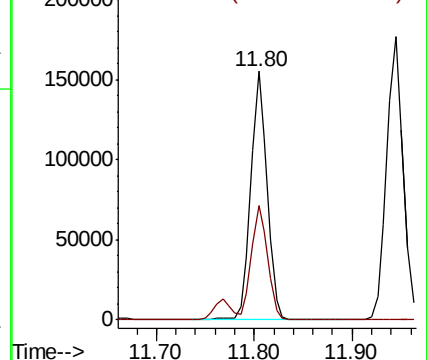
105 100

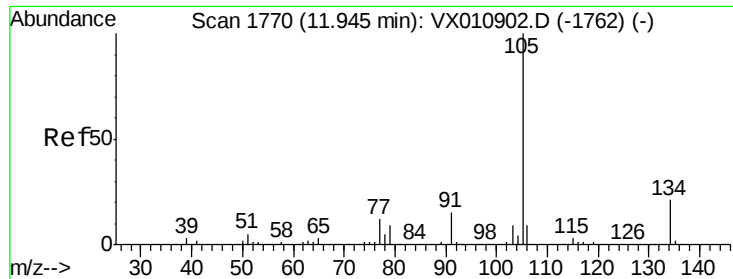
120 45.4 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

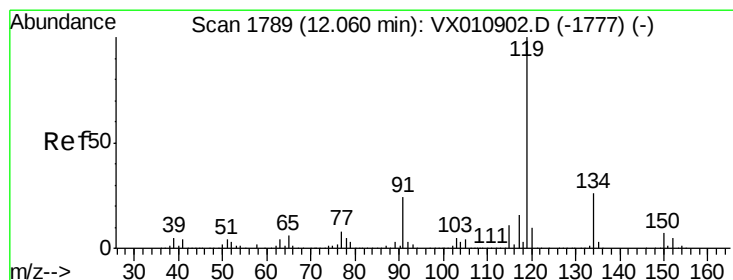
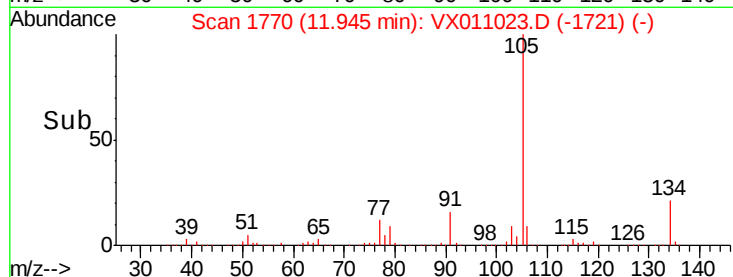
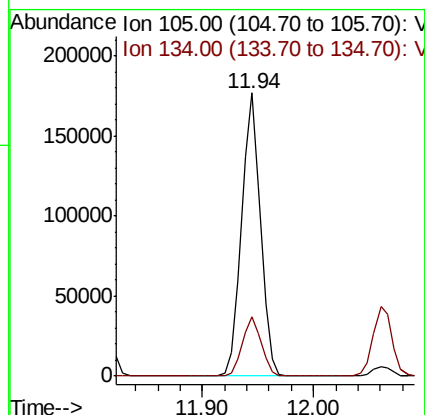
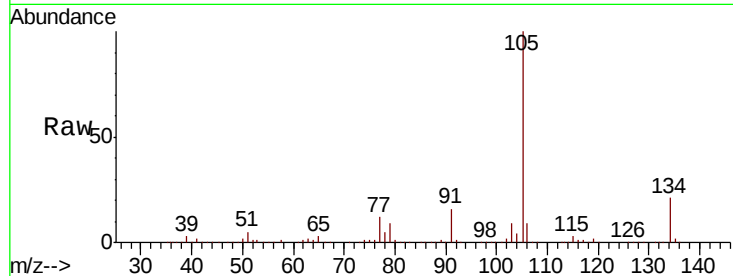




#85
 sec-Butylbenzene
 Concen: 21.159 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

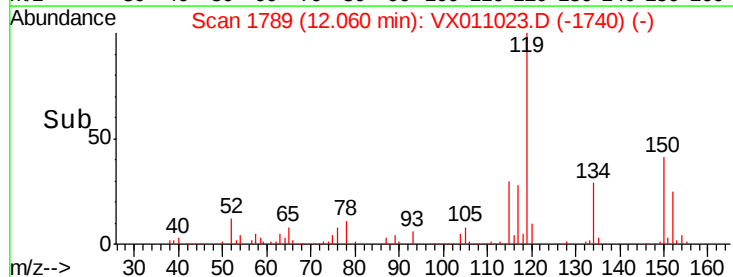
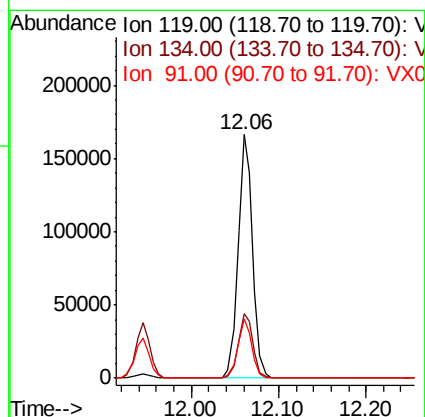
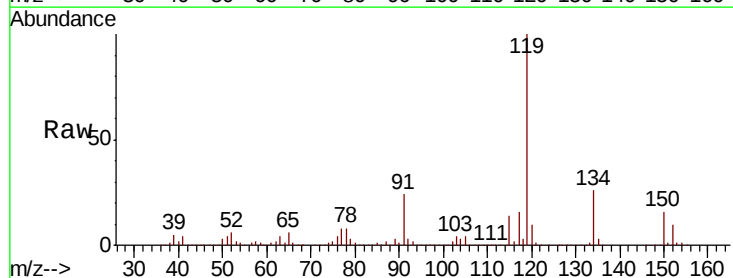
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

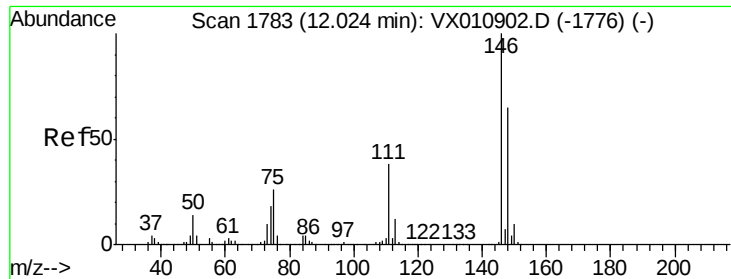
Tot Ion:105 Resp: 207393
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 21.307 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Tgt Ion:119 Resp: 193071
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 23.7 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 20.698 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0722MBS01

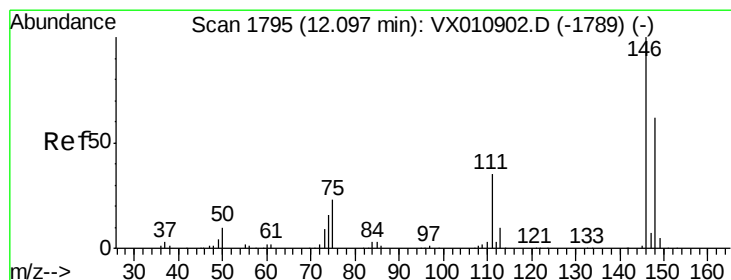
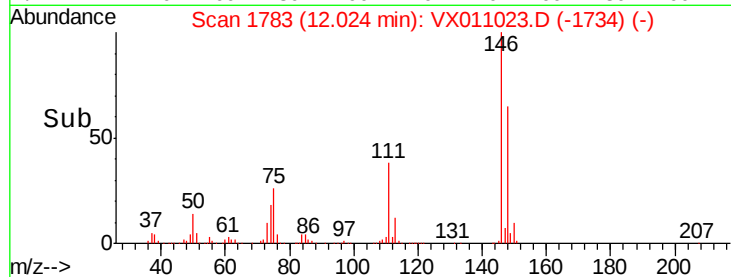
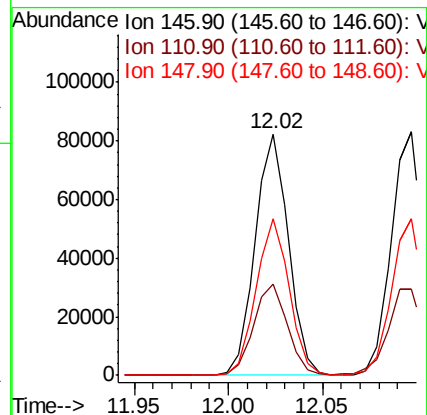
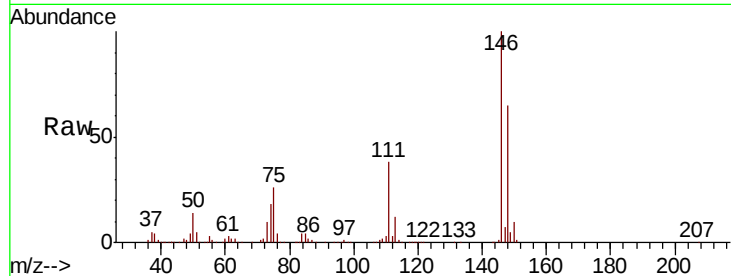
Tot Ion:146 Resp: 100978

Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.9

148 64.5 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 20.328 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011023.D

Acq: 22 Jul 2019 12:19

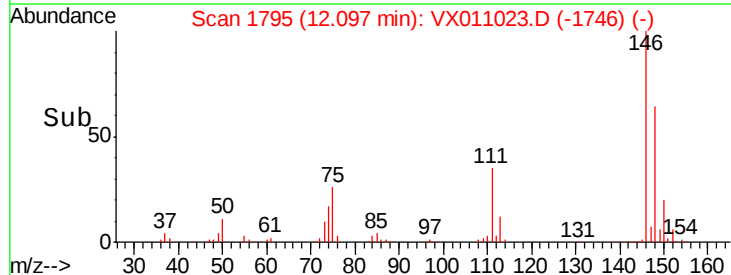
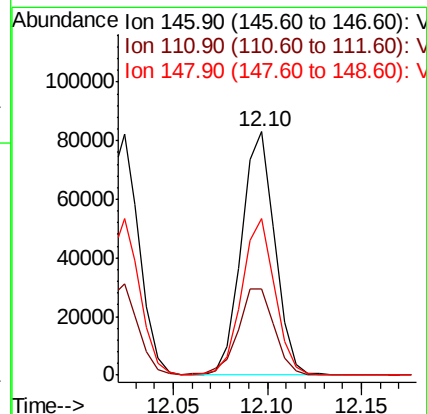
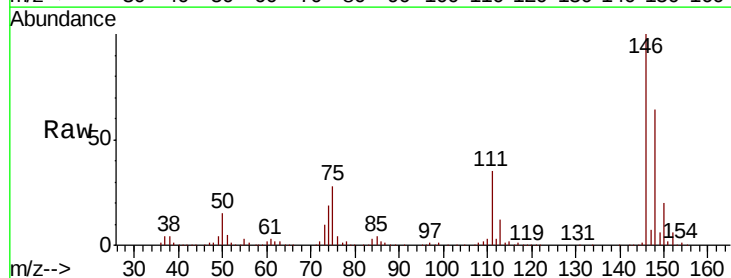
Tgt Ion:146 Resp: 101711

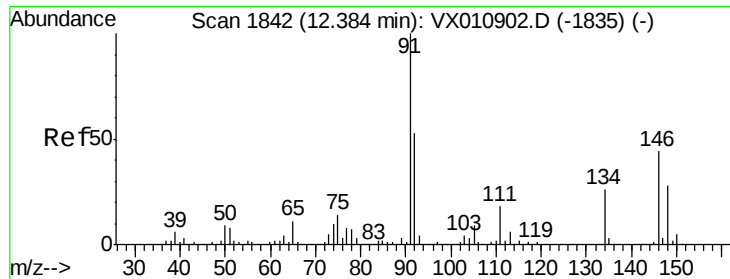
Ion Ratio Lower Upper

146 100

111 38.6 18.6 55.8

148 63.5 31.6 94.7

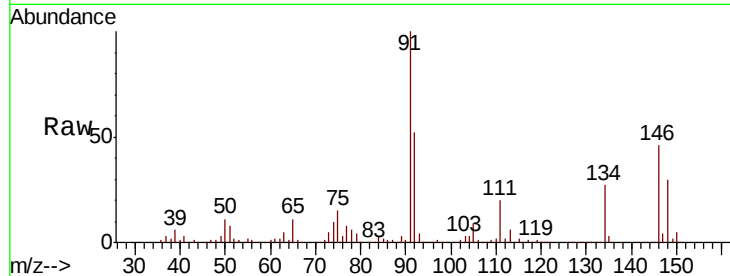




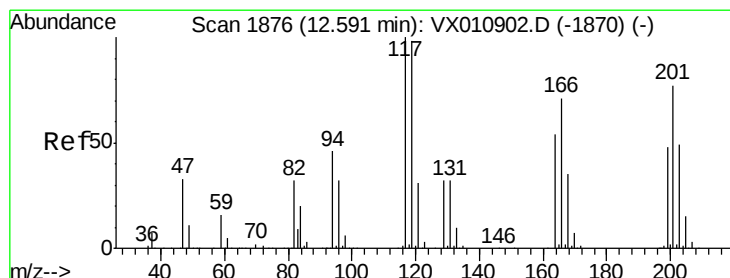
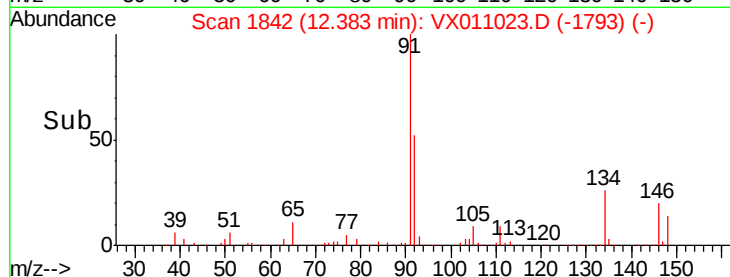
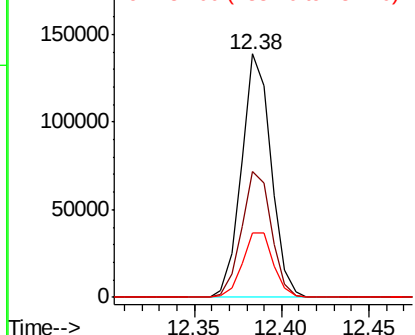
#89
n-Butylbenzene
Concen: 20.966 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0722MBS01

Tot Ion: 91 Resp: 162534
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 27.9 13.8 41.3

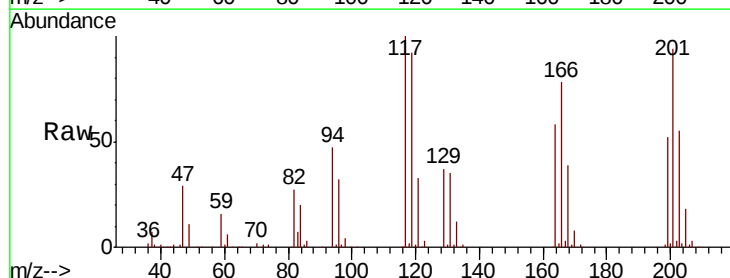


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

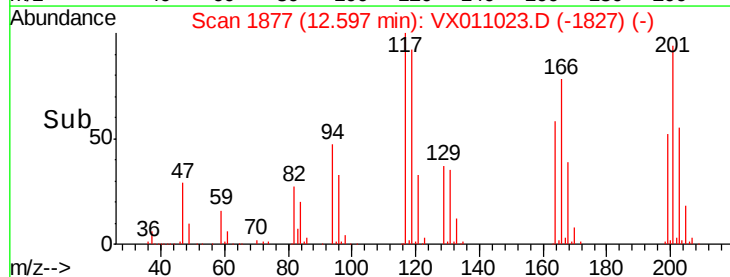
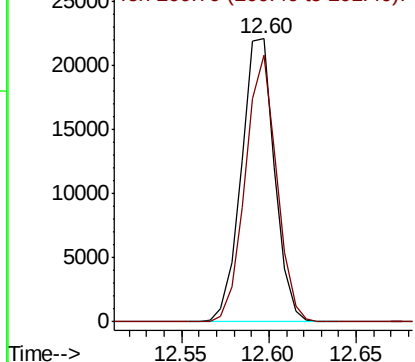


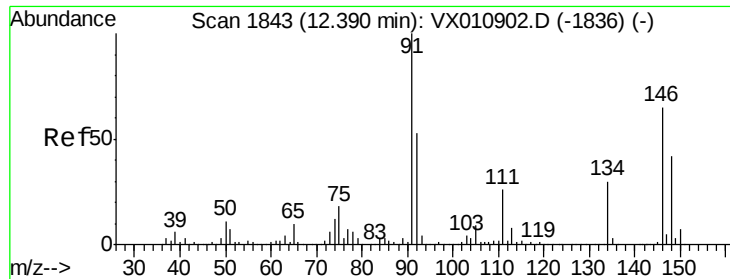
#90
Hexachloroethane
Concen: 20.417 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion: 117 Resp: 29180
Ion Ratio Lower Upper
117 100
201 88.8 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

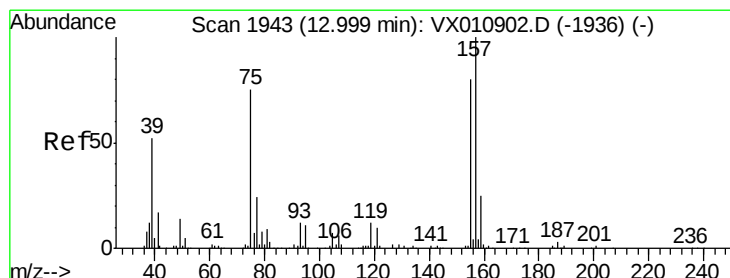
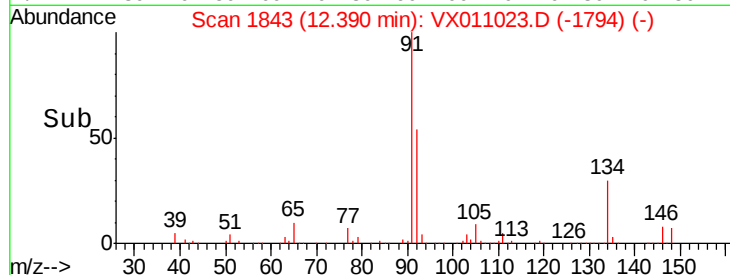
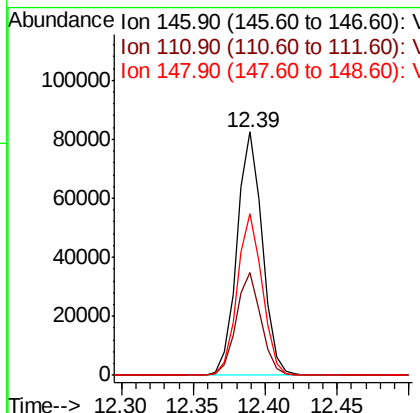
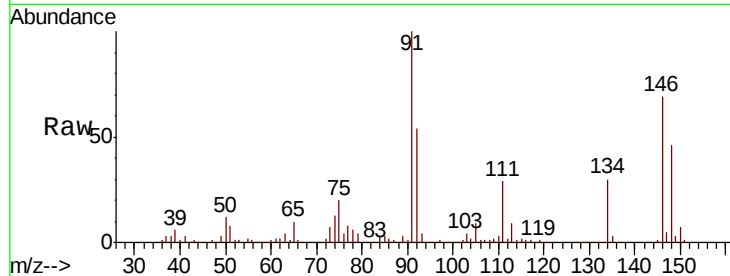




#91
 1,2-Dichlorobenzene
 Concen: 20.856 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

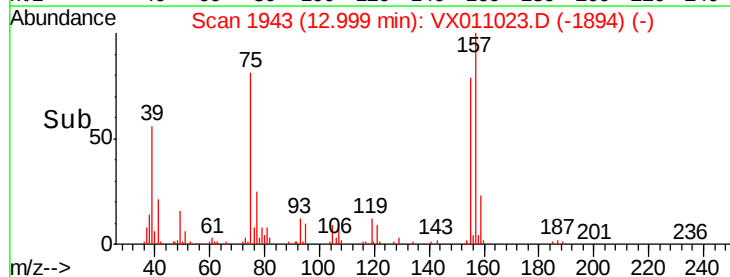
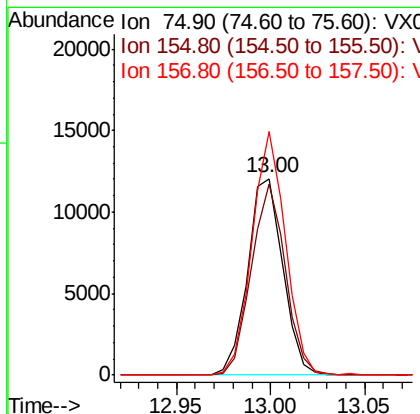
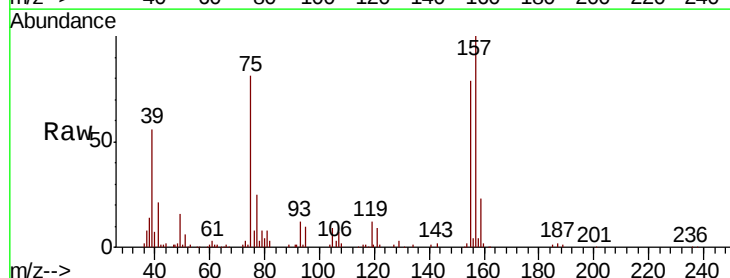
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

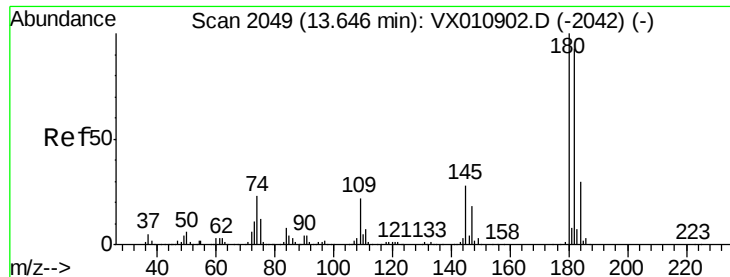
Tot Ion:146 Resp: 100837
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.9 59.7
 148 66.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.357 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Tgt Ion: 75 Resp: 15587
 Ion Ratio Lower Upper
 75 100
 155 94.1 48.7 146.1
 157 117.7 62.5 187.6

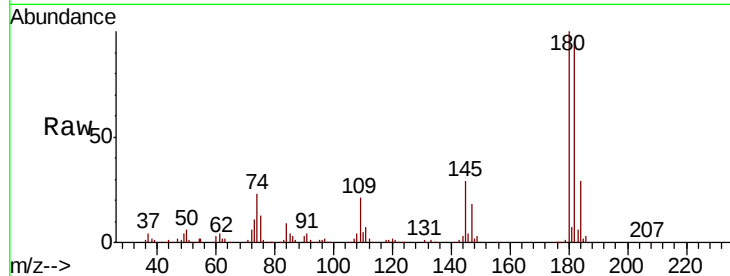




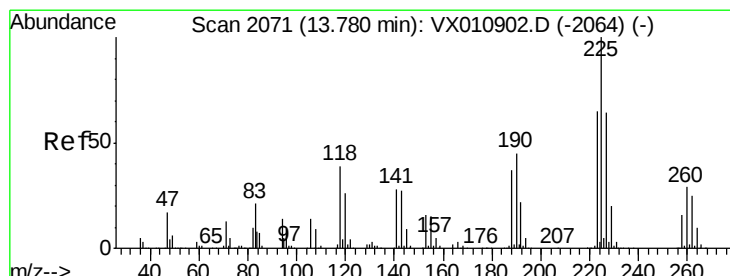
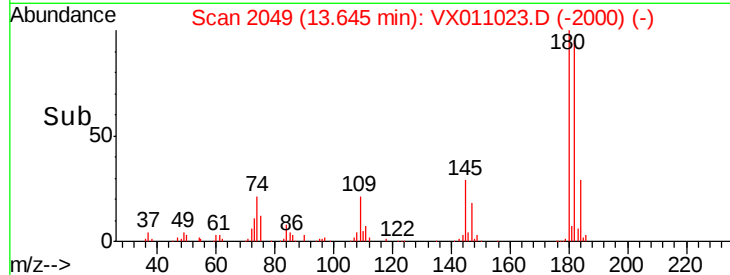
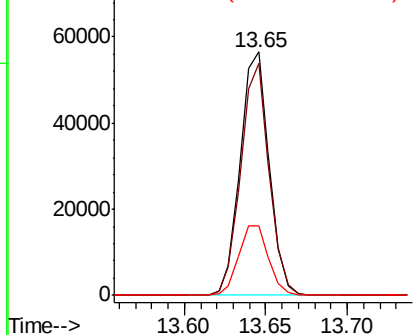
#93
 1,2,4-Trichlorobenzene
 Concen: 21.365 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722MBS01

Tot Ion:	180	Resp:	70007
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.1	141.3
145	29.7	14.8	44.4

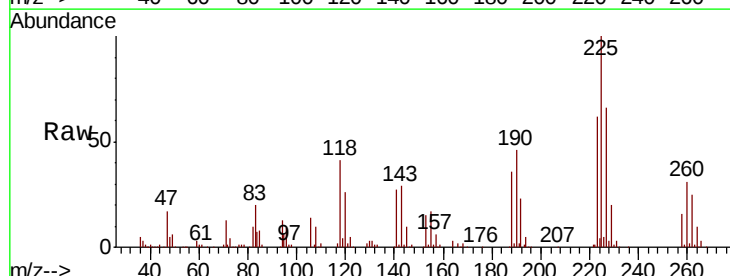


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

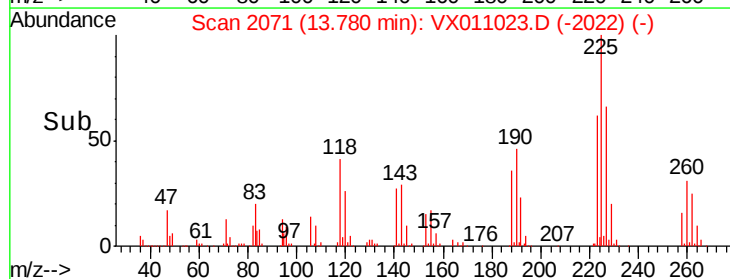
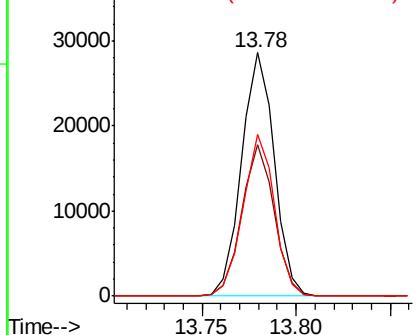


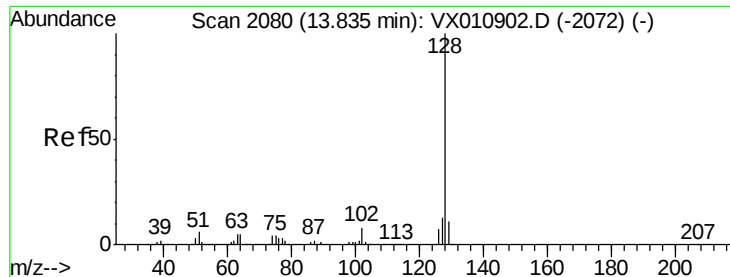
#94
 Hexachlorobutadiene
 Concen: 21.166 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011023.D
 Acq: 22 Jul 2019 12:19

Tgt Ion:	225	Resp:	34369
Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.9	95.9
227	63.9	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

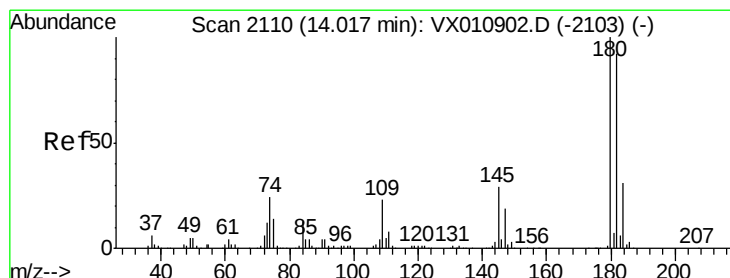
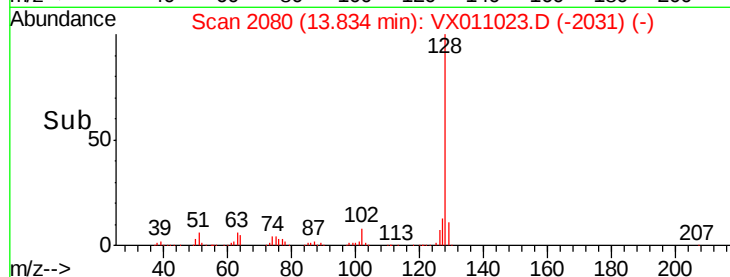
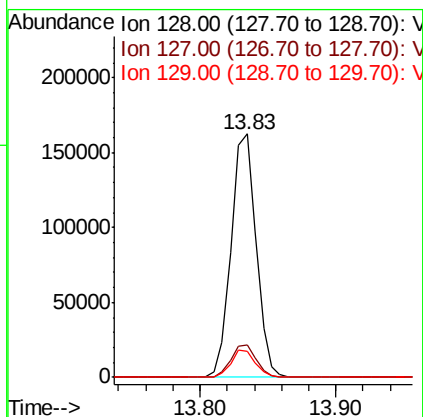
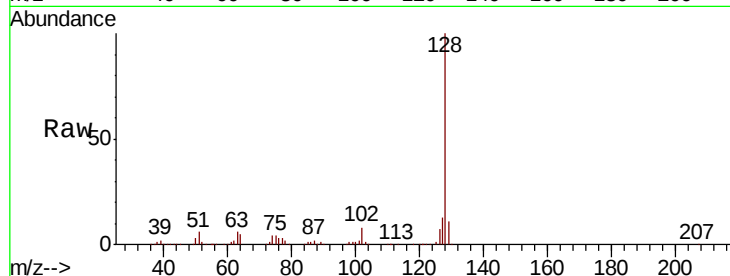




#95
Naphthalene
Concen: 21.467 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0722MBS01

Tot Ion:128 Resp: 207713
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 21.448 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011023.D
Acq: 22 Jul 2019 12:19

Tgt Ion:180 Resp: 69927
Ion Ratio Lower Upper
180 100
182 97.1 47.4 142.3
145 31.6 15.1 45.3

